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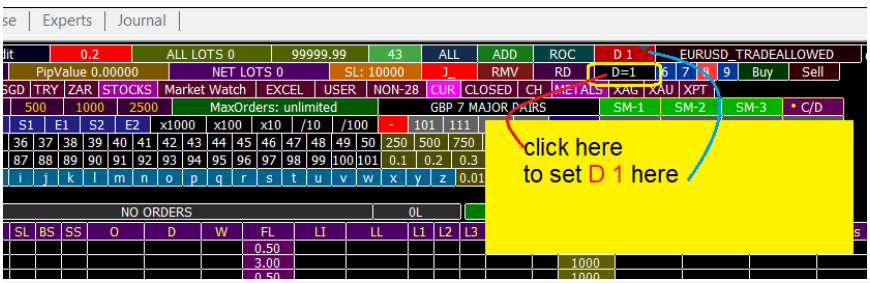
1- Dummy Number theory

Read First:The number of buttons of this expert could expand from 527 buttons(no single pair on dashboard) to 2175 buttons(42 pairs on dahboard). Thsey buttons are classified as:1) Passive buttons,2) Active-Save buttons, and3) Active-Fire buttons.

D-Thoery
I coined new forex word "tripette" to ease trading different instruments with great disparity prices
-----1- When EURUSD moves from 1.22345 to 1.122346, we say it moves by 1 pipette
-----2- When EURUSD moves from 1.22345 to 1.122355, we say it moves by 1 pip(ignore last digit)
-----3- When USDNOK moves from 8.12345 to 8.12445, we say it moves by 1 tripette(ignore last two digit)
-----4- When DowJonz30 moves from 29123.45 to 29124.45, we say it moves by 1 tripette(ignore last two digit)
-----5- When Gold XAUUSD moves from 1823.45 to 1824.45, we say it moves by 1 tripette(ignore last two digit)

and this expert is designed on all three choices-- you can choose pipette mode, pip mode or tripette mode.

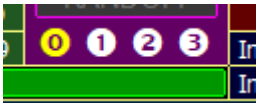
2- D-Theory (Tripette concept)



D=1 Button "CONVERT TO **PIPPETE**" box, Box in red will change to D1 immediately according to my D-Theory, D=1 ===> Pippetes

to clarify more:
assume unhomogenous pairs prices, for example: eurusd and ger30
EURUSD: 1.223**4**5 --
ger30: 1312**3**.45 --
if your O=5 pips
EURUSD: 1.223**4**5 -- to -- 1.223**9**5 -- pip pair (we ignore 1 digit--last digit)

3- Last nth decimal



for EURUSD nth=5th (1.1834**5**)
for US30Roll nth=2nd (only 2 digits after decimal point 29543.**21**)

if EURUSD price now is 1.18345 and O=D=10 pips
do you wnat to include 5th digit or make it zer0?

example for sell 1st order shoud be at 1.18345+10 pips = 1.18**44**5
your desire is 1.18440 or 1.18445 ? (zeros last digit which is fractional pip)

you can decide using some expert icons . . . .

if you select "**0**", the first 3 sell orders will be:
1.18345
1.18445
1.18545
1.18645

if you select "**1**", the first 3 sell orders will be: = (delete 1 digit from the right)
1.18345
1.18440
1.18540
1.18640

if you select "**2**", the first 3 sell orders will be: = (delete 2 digit from the right)
1.18345
1.18400
1.18500
1.18600

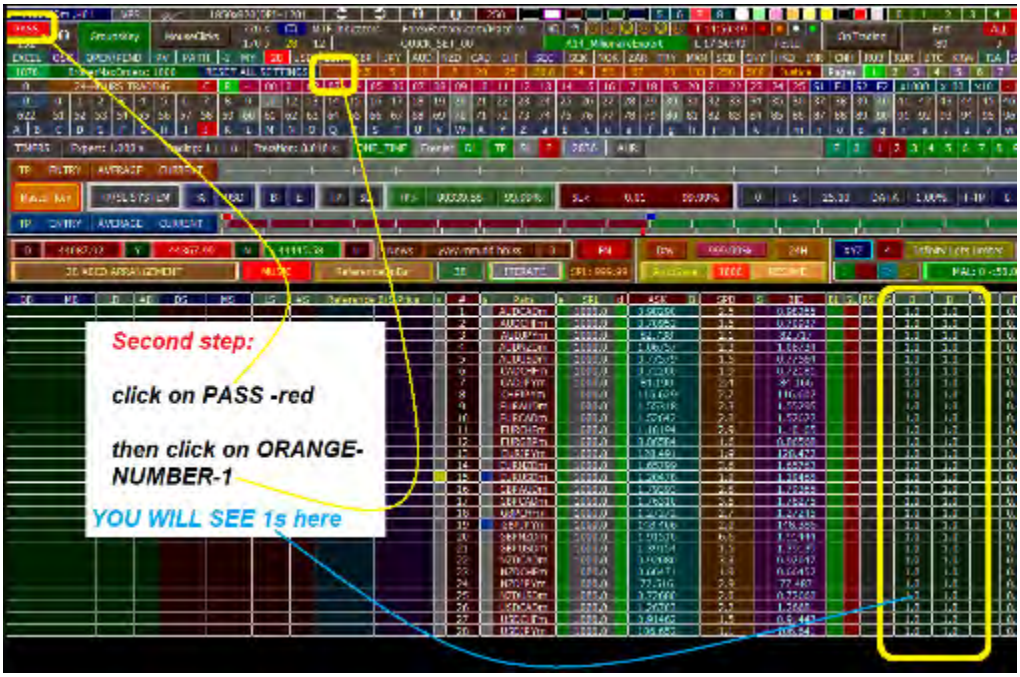
many people like integer-like numbers!!
any how it depends on you, it is a trivial matter!

4- Beginners to start immediately to see how the Expert works

1) New Comers/ visitors – First 4 steps

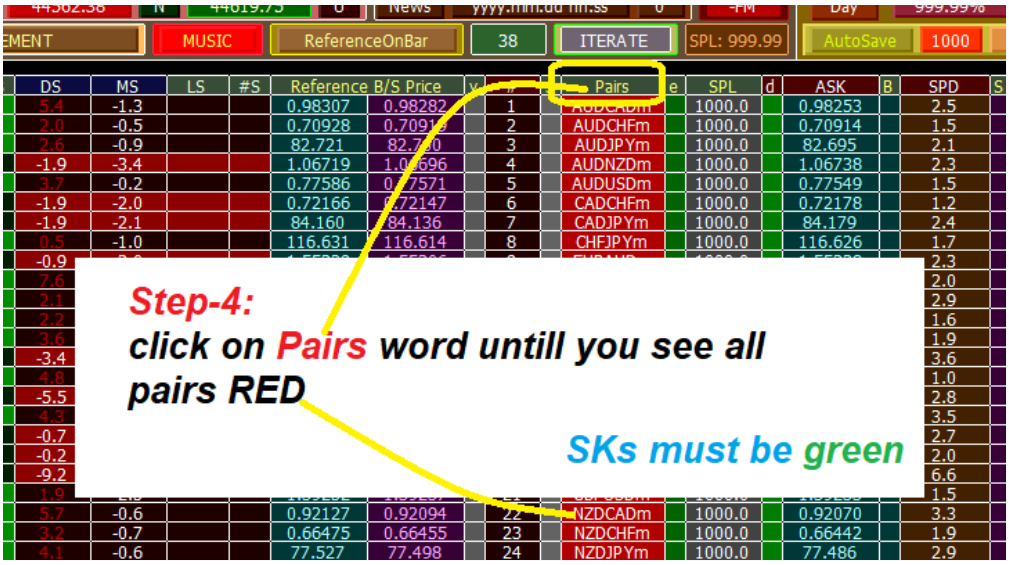
NewLesson: for new comers/visitors--first 4 steps for learners
to see expert placing/opening orders
do the following 4 steps quickly in less than 1 second if possible
1. select 28 groups--famous 28 pairs--click on button **28** (or **MY**)

2: select **ORANGE NUMBER-1**===> O=D=1---click on "1" button



3: Set current prices as the **reference prices** for grid trading. click on circled button below

4: activate all 28 pairs



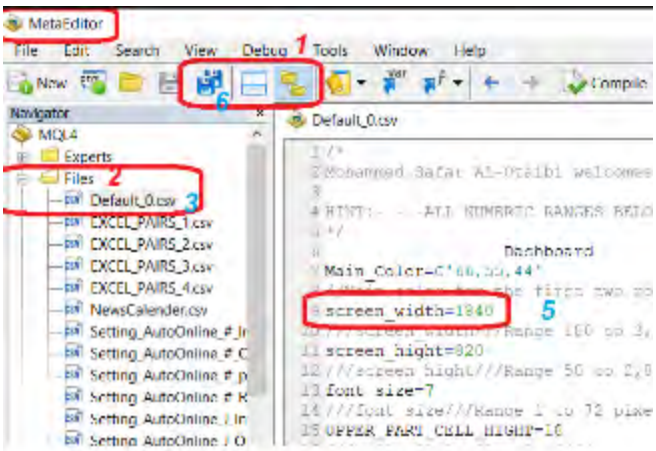
2) How to fit chart to your screen

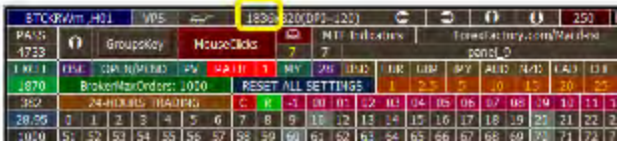
do the following steps **once** in your life.

1- when you attach expert you will see true width of your screen

2- click on F4 to open MT4 **Editor**

3- follow steps on the picture:





if you **save** *Default.csv* changes, then

--attach expert again to the chart

--or click on the following button: see picture:

only one time in your life you set the true width of your screen.

5- Weekend Offline Pairs

Update:

Post #5406

how to enforce expert to show intruments of some groups during Saturdaus/sundays?
who answer first?
this part is much simplified since 2 weeks ago.

Post #5415 phuclockbs

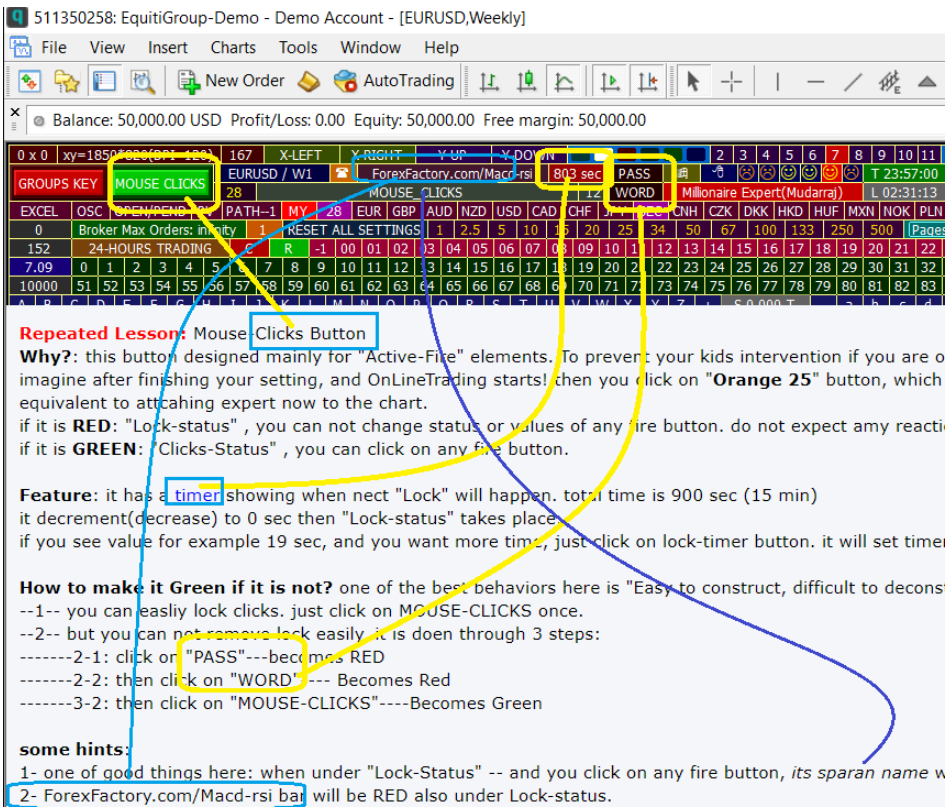
6- Basic Buttons

1) Mouse-Clicks Buttons

Why?: this button is designed mainly for "Active-Fire" elements. To prevent your kids intervention if you are outside, or any other reason like false or un-intentional clicks. imagine after finishing your setting, and OnLineTrading starts! then you click on "**Orange 25**" button, which definitely will **damage** all your previous setting. it is a step equivalent to attcahing expert now to the chart.
if it is **RED**: "Lock-status" , you can not change status or values of any fire button. do not expect any reaction at all.
if it is **GREEN**: "Clicks-Status" , you can click on any fire button.

Feature: it has a timer showing when next "Lock" will happen. total time is 900 sec (15 min)
it decrements(decreases) to **0** sec then "Lock-status" takes place, and timer disappear
if you see value for example 19 sec, and you want more time, just click on lock-timer button. it will set timer at max, at 900 sec.

How to make it Green if it is not? one of the best behaviors here is "Easy to construct, difficult to deconstruct":
--1-- you can easliy lock clicks. just click on MOUSE-CLICKS once.
--2-- but you can not remove lock easily. it is doen through 3 steps:
-------2-1: click on "PASS"---becomes RED
-------2-2: then click on "WORD"---- Becomes Red
-------3-2: then click on "MOUSE-CLICKS"----Becomes Green
--3-- what prevent clicks on all buttons is the BLACK-OUT button.



Some hints:
1- One of good things here: when under "Lock-Status" -- and you click on any fire button, *its sparan name* will be shown in sparam bar.
2- ForexFactory.com/Macd-rsi bar will be RED also under RED-status.
3- The timer button will disappear under RED-status. No need for that button.

2) PASS or SKs

NewLesson: SKs work internaly.

SKs for Arrays "columns"
PASS: for a speceific cell--one element of that array
and all FIRE buttons through **SKs,**
except **ORANGE NUMBERS** through **PASS**

3) MASTERKEY

What is the future impact of MasterKey?

since its admission to the expert, the rule is very simple:

1- when SK-1 is not green, the expert will make 1) All 3 SKs **ON**, 2) GroupsKey **ON**, and 3) MouseClicks will be **allowed**
2- when SK-1 is green, the expert will make 1) All 3 SKs **OFF**, 2) GroupsKey **OFF**, and 3) MouseClicks will be **blocked**

so it depends on previous status of SK-1 only.

4) Ready-Made-Dummy Numbers

Goal: to make your live easy. dummy number is a revoltionary theory in expene o tarditiona way od setting any expert external variables.

0- all of them are ***Active-Save***

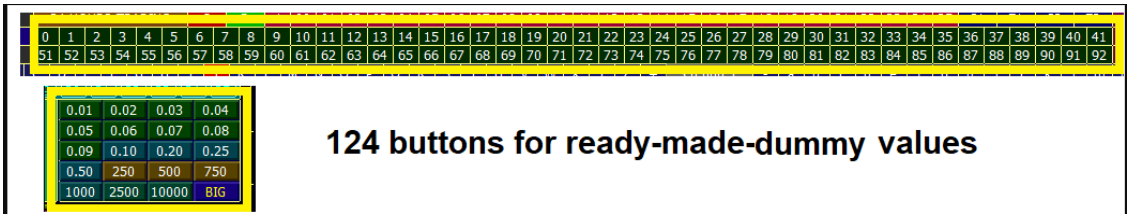
1- it incudes numbers from "**1**" to "101", quick way to select O, D, TP, TO, LL values

2- "**0**" button consider it the counterpart of "**BIG"** button

3- BIG is the big number that you may need it some times. For example you want to set lower equity in echo-Skat system at current equity. just choose BIG number.

4- values that may suite more lots selection like "**0.01**" , "**0.2**" etc

5- values that may be used to make some paramterS as if it is at enfinity, for exaple "**750**" for "**TO**"

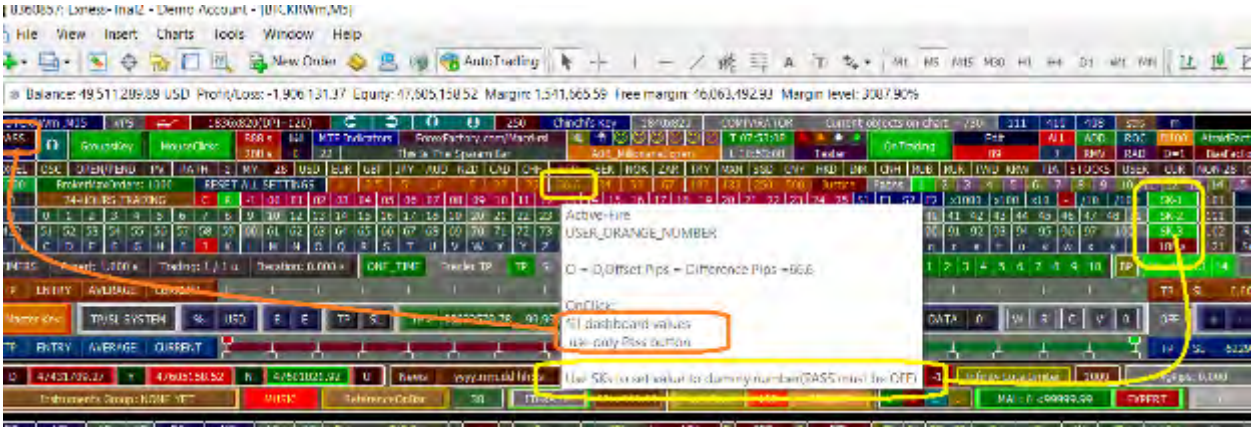


5) User Orange number

For user-orange number:

1- if PASS is ON: you set dashborad--whatever SKs are! SKs are bypassed if PASS is red.

2- if PASS is OFF wile SKs are ON(greens) -- you change user-orange number from 66.6 to dummy



This 66.6 pips come from default file--YOU who choose it.

```
87 ///SLIPPAGE_IN_POINTS///Range 0 to 999
88 risk_mode=BP
89 ///risk_mode///Accept 5 possible values 1) BP, 2) ML 3) MB, 4) ME 5) MC
90 USER_ORANGE_NUMBER=66.6
91 ///USER_ORANGE_NUMBER///Range 0.10 to 999.99
92 ITERATE=NO
93 ///ITERATE///Accept 2 possible values 1)YES, 2) NO
94 ONE_PAIR_ITERATION=32
95 ///ONE_PAIR_ITERATION///Range 2 to 999
```

D	EUR	GBP	JPY	AUD	NZD	CAD	CHF	[illegible]	SEK	NOK	ZAR	TRY	MXN	SGD	CNY	HKD	INR
	1	2.5	5	10	15	20	25	66.6	34	50	67	100	133	250	500	Justice	

02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	S1
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37

```
100 ///ORACHEAL_ACTIVATE_TYPE_AGAIN///Accept 2 possible values 1)YES, 2) NO
101 SPREAD_LIMITER=999.99
```

7- Pair Selection

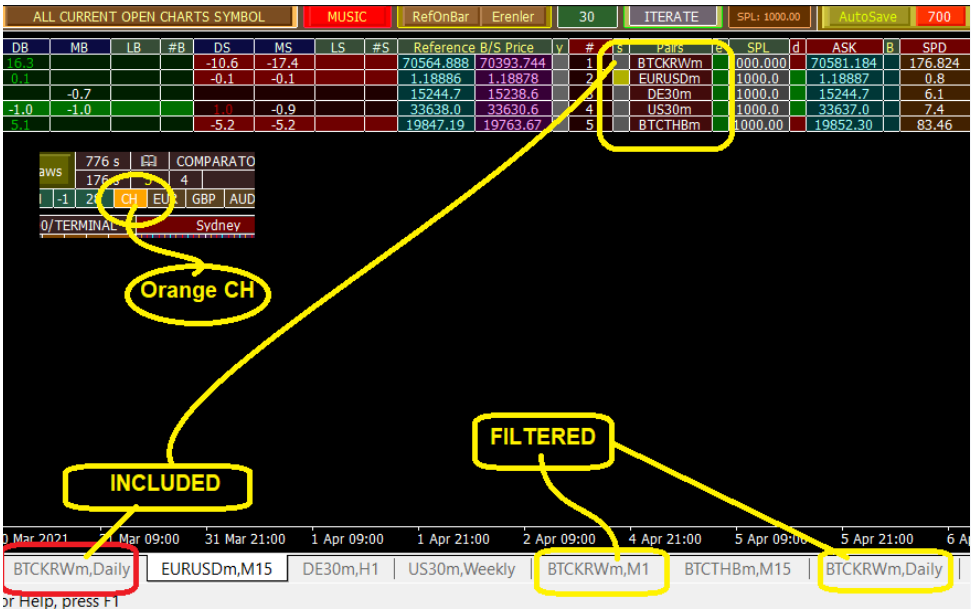
1) Display Pair

#Post 2 to #Post 33

#Post 214 to #Post 220

a) CH button

Orange-CH (filters same pair, but different timeframe) compared to Blue-CH



while BLUE-CH---ALL OPEN CHARTS AS IT IS WITHOUT FILTER:

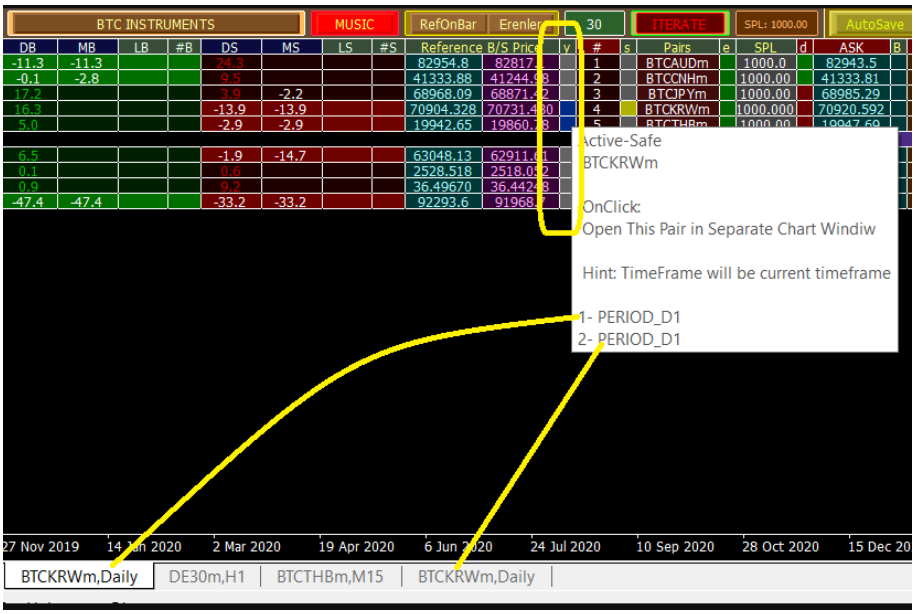
BLUE: and we already mentioned 3 weeks ago, that they are arranged for REPETION as which one was opened first.

while for **Orange**--alphatical-order

a) y button

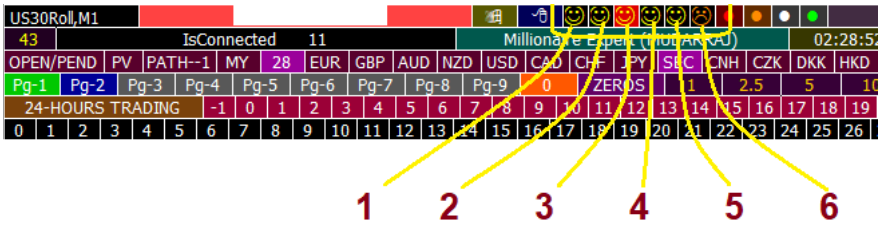
y-buttons:

and two months ago we explain that: **these buttons if they are BLUE**, will show all open charts with frame on that pair for each dashboard pair:



2) Smiling Faces

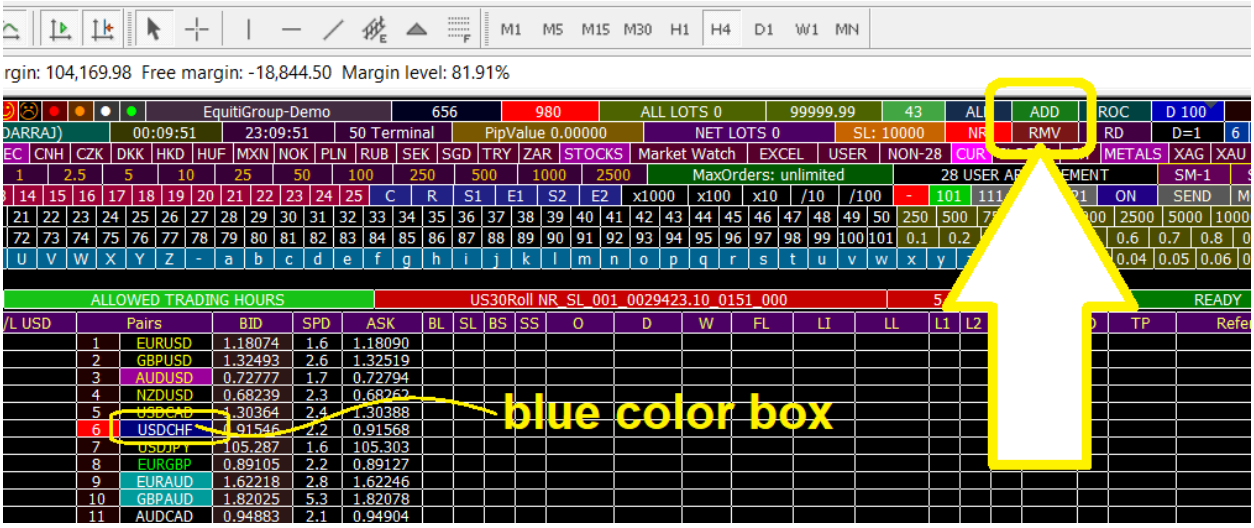
#Post 222 to #Post 233



1- is expert is anabled
2- is autotrading is allowed
3- is internet is connected + alert sount
4- is dynamic link libraries DLL allowed + music sound
5- is Library allowed + no sound
6- is you account demo or live

3) Other Buttons

a) ADD box



ADD box--to activate specific curreny pairs

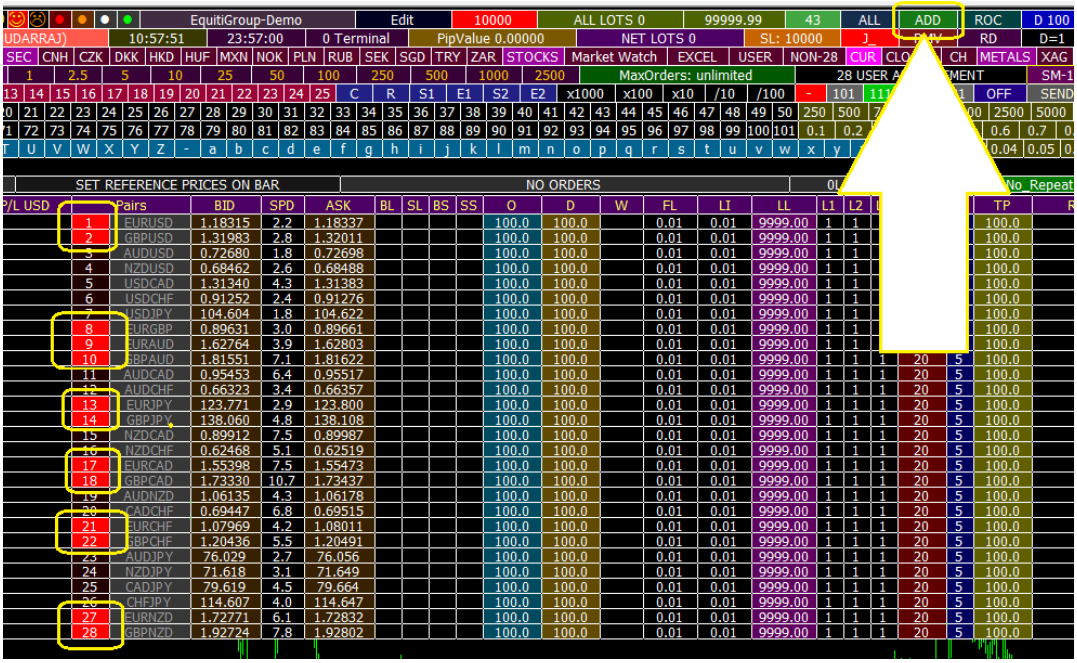
Quoting zoraxfx

Hi Mohammed I trade only London session and next week I'd like to use just EUR and GBP pairs. About EUR pairs I click on EUR but if I click again on GBP there is not adding GBP pairs. Any idea ?

I explain in detail two days ago the following "**ADD**" box
1- select **28**-pairs

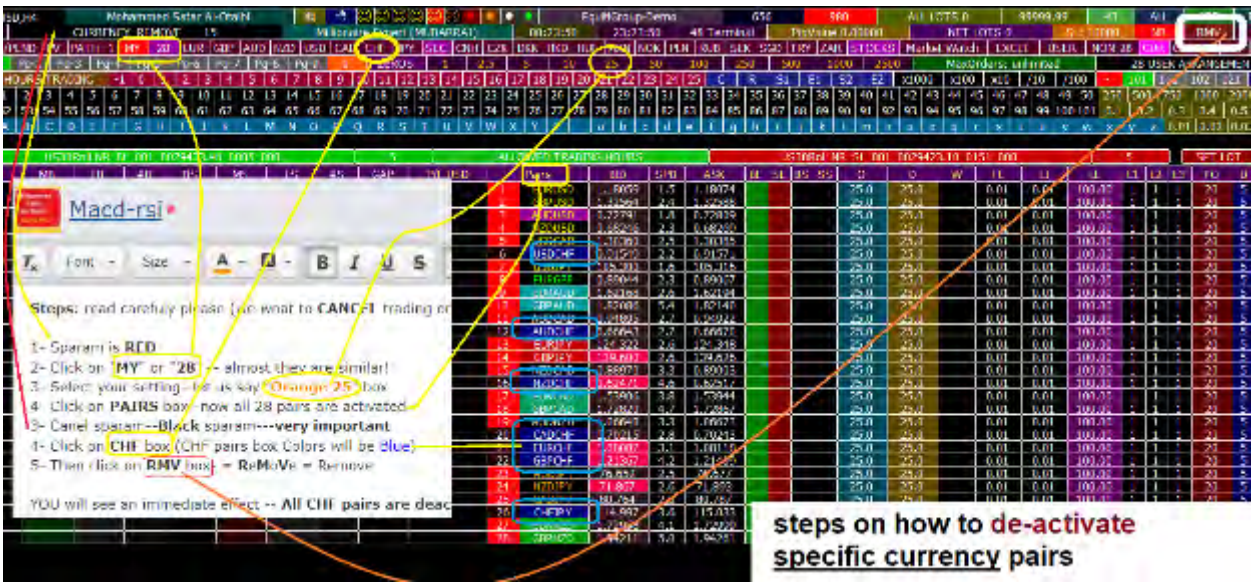
2-de-activate **SPARAM**
3-click on **GBP**
4-click **ADD**
5-click **EUR**
6-click **ADD**

You should see somthing like this:



b) RMV box

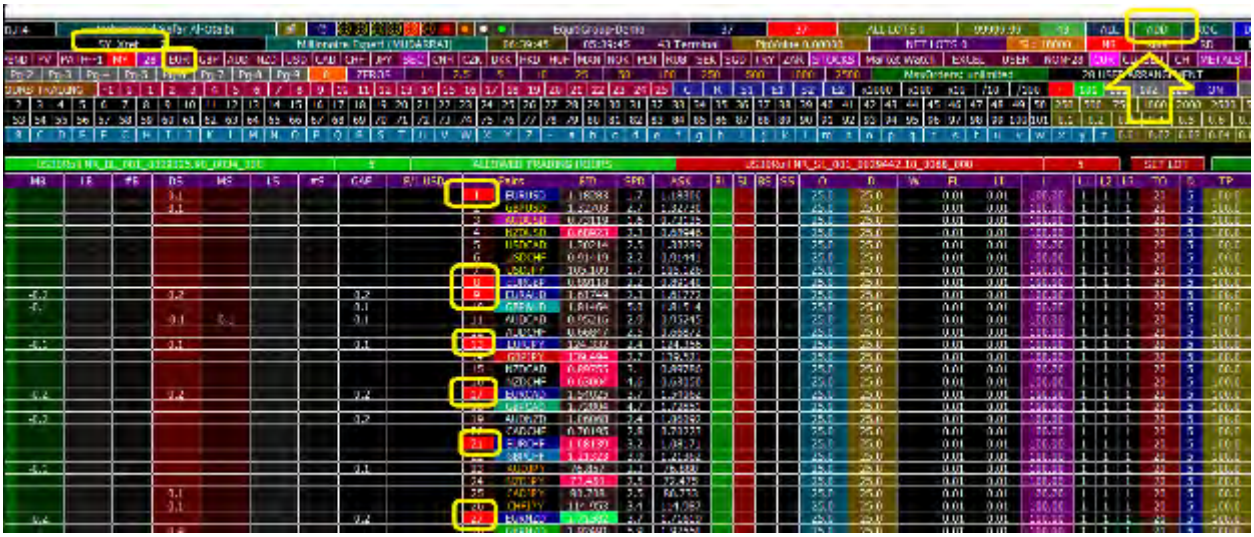
RMV box--to cancel or deactivate specific currency pairs(for example you never trade **CHF** pairs due to low leverage)



Steps: read carefuly please (we wnat to **CANCEL** trading on **CHF** pairs) and allow for remaining 28 pairs.

1- Sparam is **RED**
2- Click on "**MY**" or "**28**" -- almost they are similar!
3- Select your setting--let us say "**Orange 25**" box
4- Click on **PAIRS** box--now all 28 pairs are activated
3- Canel sparam--**Black** sparam---**very important**
4- Click on **CHF** box (CHF pairs box Colors will be Blue)
5- Then click on **RMV** box- = **R**e**M**o**V**e = Remove

YOU will see an immediate effect -- **All CHF pairs are deactivated.**



ADD box--to activate specific curreny pairs

follow the same procedures for RMV box,
assuming all 28 pairs not activated, when you choose to aactivate only EUR pairs, simply click EUR,
== EUR PAIRS will be blue,
then click ADD box

do not forget to cancel SPARAM first

if not, when you click on EUR, it will change group elemnts!! **unwelcomed situation!** as explained in first 30 posts!

we select currency
therefore: chosen currency pairs boxes will be **BLUE**

4) Remove Expert

Dangerous button, removes the expert

5) If you login to different account intentionally or un-intentionally

you will see only this button as a **protection** an return
all old settings wull remain as it is except halting trading+no mouse clicks.

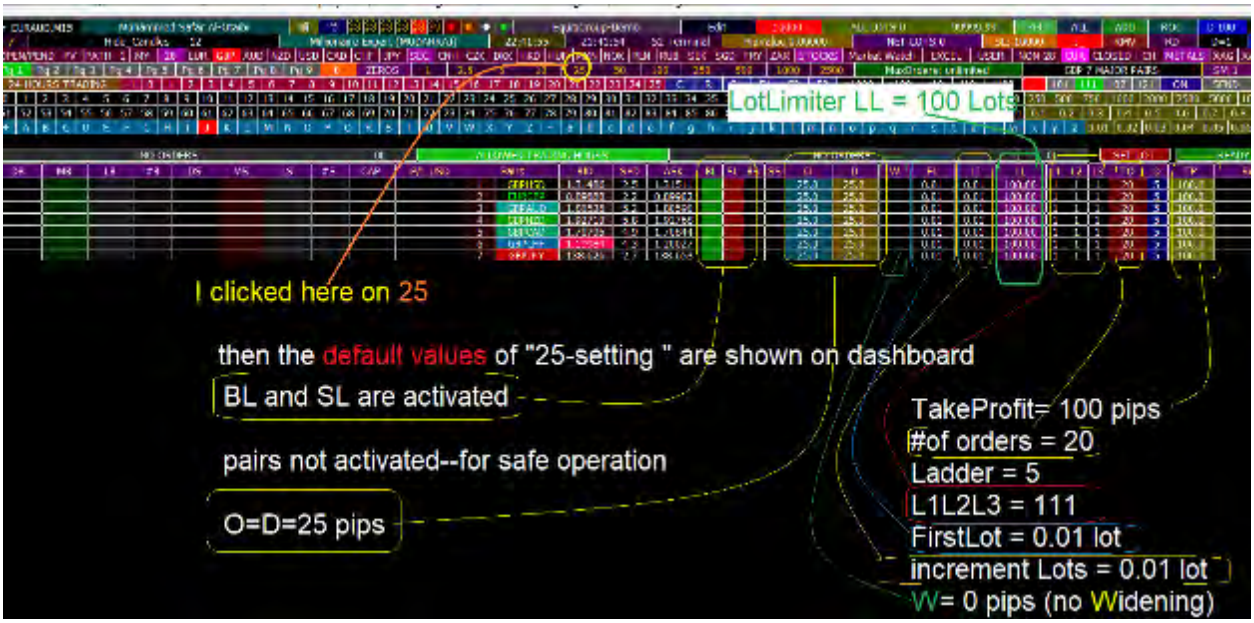
click on it to see dashboard
you will notice MS,DS, MB, DB still caculating

8- On-Line Order Concept

Dashborad main 3 components

As a newbie, the first thing to recoginze is that "dashboard is composed of 3 parts"
--1- **Input** part: above 20 columns -- in the middle
--2- very important **output** part (the core of this expert) - in the left side. Math calculation to take entry decisions
--3- unimportant **output** part which shows P/L, average prices and gaps-- to the right side (6 columns) -- calulations after entry!

Using the EA to place orders based on the following O/D concept



1) Offset Pips Concept (O)

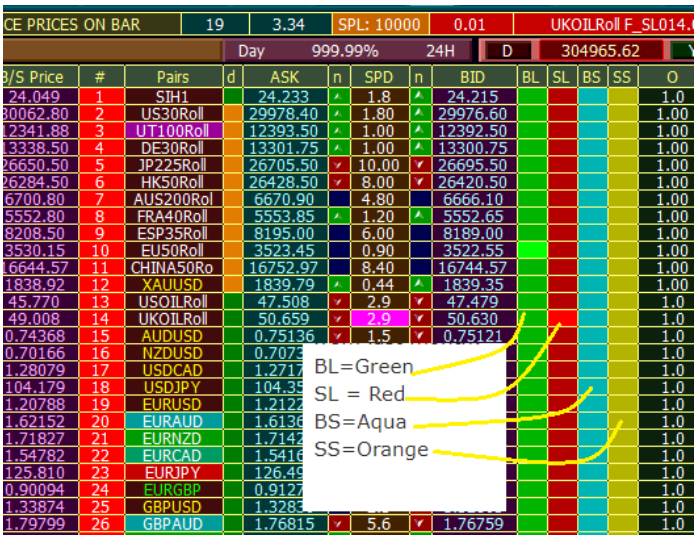
O = 25 **pips** means the **first hidden pending order** will be executed if price goes against your **Reference B/S Price** by 25 pips
O: for the first order--it is clear!!

2) Difference Pips Concept (D)

D: for the second order and above, (2nd, 3rd, 4th etc.... orders)
if O=25 **pips** and D=25 *pips* then:
2nd order will be executed after 50 **pips**, (25+25)
3rd order will be executed after 75 **pips**, (25+25+25)
and so on

imagine O=25 pips and D=31 pips. then:
1st order after 25 pips.
2ndt order after 56 pips. (25+31)
3rd order after 87 pips.(25+31+31)
4th order after 118 pips. (25+31+31+31)

and so on.
1st order after 25 pips.



Three semi-Green colors for BUY (GREEN-AQUA-BLUE)
Three semi-Red colors for SELL (RED-ORANGE-PINK)

if BL reach max # of TO --- box **#B** will be **Green**
if BS reach max # of TO --- box **#B** will be **Aqua**
if both BL and BS reach max limits of TO (double of TO) box**#B** will be **Blue**
the result will be reflected also on **TO** column cells--identical

if SL reach max # of TO --- box **#S** will be **Red**
if SS reach max # of TO --- box **#S** will be **Orange**
if both SL and SS reach max limits of TO (double of TO) box**#S** will be **Pink**
the result will be reflected also on **LD** column cells--identical

as shown on picture:
look at 14 (7 BLs + 7 BSs) --- TO = 7 below:

And for LotLimiter, any pair raech LotLimiter for any type teh same coloring system:

columns LB (BUY) or LS, (SELL)
plus
columns of LI (BUY) and LL (SELL)

their BGColor will react according to 4 types color

Three semi-Green colors for BUY (GREEN-AQUA-BLUE)
Three semi-Red colors for SELL (RED-ORANGE-PINK)

if BL reach max LL --- box **LB** will be **Green**
if BS reach max LL --- box **LB** will be **Aqua**
if both BL and BS reach max limits of LL (double of LL) box **LB** will be **Blue**
the result will be reflected also on **LI** column cells--identical

if SL reach max LL --- box **LS** will be **Red**
if SS reach max LL --- box **LS** will be **Orange**
if both SL and SS reach max limits of LL(double of LL) box **LS** will be **Pink**
the result will be reflected also on **LL** column cells--identical
NO NEED FOR PICTURE

3) Afraid/Bias modifiers (for O=D settings)

#Post 2867

To explain: you choose aEURUSD BuyLimit and SellLimit with O=D=50.

if your are **afraid** from SELL-LIMIT direction. multiply 50 for SL by afraid factor--let usd say **afraidFactor**=1.4
then O for SL is 50*1.4 = 70 pips,
while remaon 50 for Buy

if your **baised** to SL, we are here not **afraid**, e are a **brave**! so **baisFactor** may be 0.8
0.80*50 = 40 pips

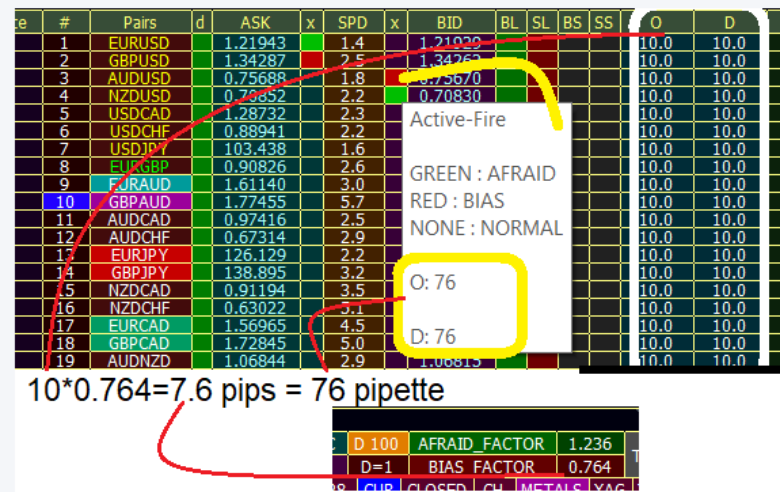
now situation is: you are not afraid, not baised---normal factor = 1.00------- 50 pips is 50 pips (except in case of justice setting)

normal = 1.00
afraid > 1.00
biase < 1.00

if anybody notice two colmns sourounding spread columns?? **will have 3 tasks.**

#Post 3019
Afraid/Bias modifiers: to modify O or D from raw values.
it is somewhat similar to strandard deviation from the mean "raw" value
He said: it is not logical to make O, D of Buys the same as O,D of Sells? Common sense judges!
how to defertiate b/w them while we have only one column for O and 1 column for D ??

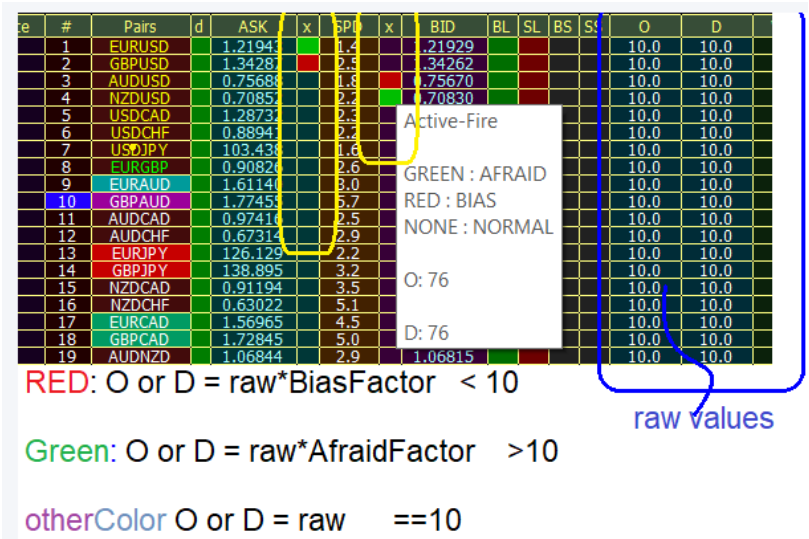
SOLUTIONS:
1- we already mentioned you can repeat the pair on the dashboard.
2- now you may use Normal/Afraid/Bias setting



in picture even though your O=D=10 for all pairs, but some of direction O and D may be 1t 13.2 pip or 7.6 pip---not your O=D=10
dahsborad will show **raw** value 10, but in **runtime**, there is a different story.

a) Introduction

1- you have two x columns
--1-1: left for buy O, D modification
--1-2: right for sell O, D modification
2- keep click on each pair coresponding x cell, to change status:
--2-1: Red: Bias (lower O or D ---> less save---> so I select red)
--2-2: Green: Afraid (bigger O or D ---> more save---> so I select green)



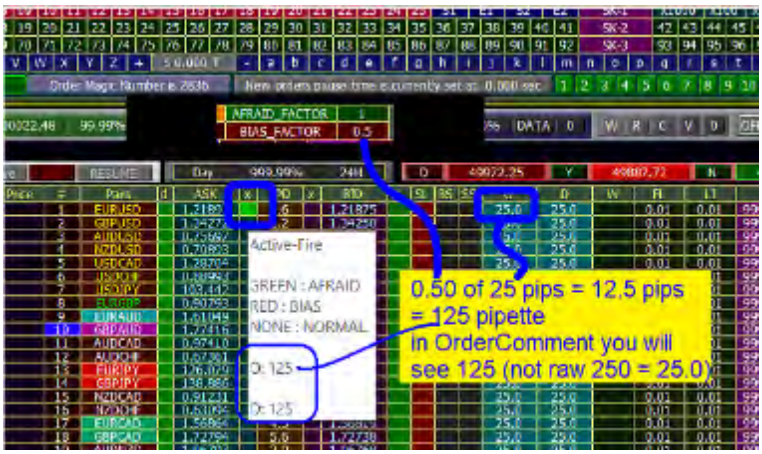
b) How to set factors?

ans: through **CWC** method, or **Edit-WC** method.
we have two buttons:
-1- upper for AFraid factor-- its range b/w 1 and 9.99 ---- common sense rule
-2- lower for Bias factor----- its range b/w 0.25 and 1.00 ---- common sense rule

- 1.00 represents the **Normal** case, not afraid/not biased --- 10*1 = 10
so if pair x-button is RED or green but factots are set at 1, it is identical to Normal case.

c) Continue

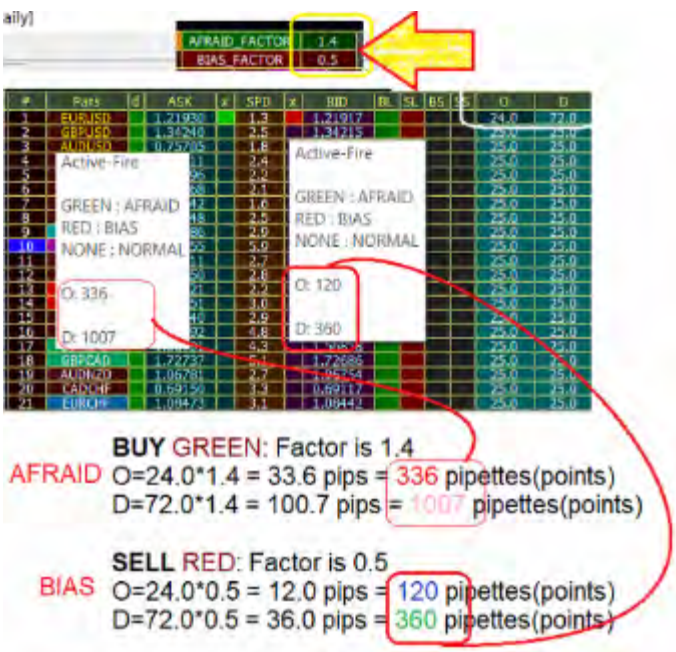
-Therefore, after these improvmenets, we see on dashboard two values: O-value and D-value
-But, behind the scene actualy expert deal with 4 values:
--1- **O** for buy
--2- **O** for Sell
--3- **D** for buy
--4- **D** for Sell
OrderComment will show runtime O or D, not raw values.



- In toolTips you will see actual runtime O or D
- Picture shows that for buy EURUSD orders O=D=125, since raw values are the same for both
- for BUY O=D=12.5 pips
-while for SELL O=D=25.0 pips
look O,D for buy are different form SELL values
-- if raw O not equal to raw D, definitely you will have 4 differnt values if afraid and bias factors are not 1.00

d) Calculations

Calculations:
Afraid = 1.4
Bias = 0.50
illustrated on picture
-if color not RED not GREEN, experts ignore these factors and multiply by 1.00



e) Order Comments

OrderComment shows runtime O and D
Dahsboard shows raw values.

Conclusions
you can now differentiate b/w Buys and Sells sO, D, setting

f) Afraid/ Bais Factors, Limit

Post 6529

AFRAID is b/w 1.**01** and pi **3.14**
and
BIAS b/w 0.25 and 0.99

```
if(title=="AFRAID_FACTOR")
  {
    AFRAID_FACTOR=double(value);
    if(AFRAID_FACTOR>3.14)  AFRAID_FACTOR=3.14;
    if(AFRAID_FACTOR<1.01)    AFRAID_FACTOR=1.01;
  }
if(title=="BAIS_FACTOR")
  {
    BIAS_FACTOR=double(value);
    if(BIAS_FACTOR>0.99)  BIAS_FACTOR=0.99;
    if(BIAS_FACTOR<0.25)    BIAS_FACTOR=0.25;
  }
```

```
FileWrite(file_handle_f0,"AFRAID_FACTOR=1.414");
FileWrite(file_handle_f0,"///AFRAID_FACTOR///Range 1.01 to 3.14");
FileWrite(file_handle_f0,"BAIS_FACTOR=0.618");
FileWrite(file_handle_f0,"///BAIS_FACTOR///Range 0.25 to 0.99");
```

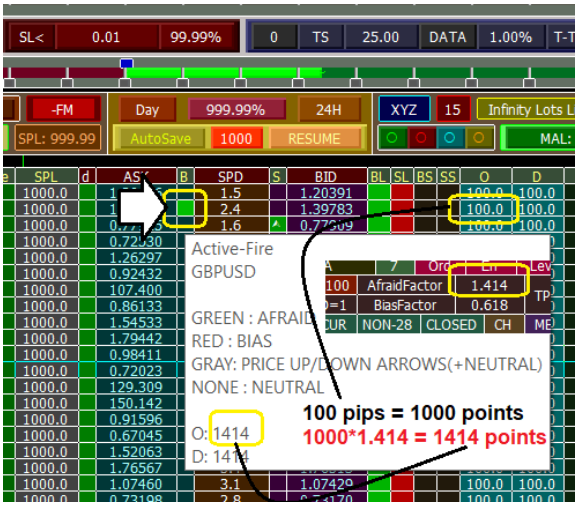
```
164 ///SPREAD_LIMITER///Range 0.01 to 9999
165 AFRAID_FACTOR=1.414
166 ///AFRAID_FACTOR///Range 1.01 to 3.14
167 BAIS_FACTOR=0.618
168 ///BAIS_FACTOR///Range 0.25 to 0.99
169 MAXIMUM_ACCOUNT_LOTS=50
```

and through mouse clicks CWC, also no way for mistakes or violating limits:

```
if(sparam=="AFRAID_FACTOR1")
  {
    AFRAID_FACTOR=double(Dummy_Number);
    if(AFRAID_FACTOR<1.01)
       AFRAID_FACTOR=1.01;
    if(AFRAID_FACTOR>3.14)
       AFRAID_FACTOR=3.14;
  }
if(sparam=="BIAS_FACTOR1")
  {
    BIAS_FACTOR=double(Dummy_Number);
    if(BIAS_FACTOR>0.99)
       BIAS_FACTOR=0.99;
    if(BIAS_FACTOR<0.25)
       BIAS_FACTOR=0.25;
  }

if(sparam=="AFRAID_FACTOR2")
  {
    AFRAID_FACTOR=double(Dummy_Number);
    if(AFRAID_FACTOR<1.01)
       AFRAID_FACTOR=1.01;
    if(AFRAID_FACTOR>3.14)
       AFRAID_FACTOR=3.14;
  }
if(sparam=="BIAS_FACTOR2")
{
    BIAS_FACTOR=double(Dummy_Number);
    if(BIAS_FACTOR>0.99)
       BIAS_FACTOR=0.99;
```

it is very clear and simple and already explained
2 months ago we said: true O,D vlaues will be shown in tooltips of pairs afraid/bias buttons for both sell and buy
and **<u>the code logic describe BUY as</u>** BS and BL---AGIAN PLEAST TRY IT YOUR SELF THROUGH DEMO TRADING--check difference in pips b/w 2 consecutive orders.
below each 141.4 pips = 1414 points there will be a new order, even though you see original 100.0 pips (look at .0, 0 after decimal to realize it is pips not point/pipette)
you know you shoose afraid, since **B-Button is green**



4) Order Types

Post #7265

i study this case for an hour,
it must be the responsibility of the trader since BS, SLM BL, SS all are equal n theory
no need for any additions
trader will not commit mistakes if he understand basic functions.

as we said months ago:
if **DB** is -ve, we expect **BL** orders to be executed and also **SS** orders
if **DS** is -ve, we expect **SL** orders to be executed and also **BS** orders

or in other more accurate words:

if **DB** is -ve, we expect **BL** orders to be executed
if **DB** is +ve, we expect **BS** orders to be executed
if **DS** is -ve, we expect **SL** orders to be executed
if **DS** is +ve, we expect **SS** orders to be executed

Assume O=D=10, TP=20, TO = 5, L1/L2/L3 = 1/1/1
Example Ref P: **0.95600**

a) BL = Buy Limit

Buy Limit Price below Ref P by O=D=10

BL	TP
0.95500	0.95700
0.95400	0.95600
0.95300	0.95500
0.95200	0.95400
0.95100	0.95300

b) SL = Stop Limit

Stop Limit Price above Ref P by O=D=10

BL	TP
0.95700	0.95500
0.95800	0.95600
0.95900	0.95700
0.96000	0.95800
0.96100	0.95900

c) BS = Buy Stop

Buy Stop Price above Ref P by O=D=10

BL	TP
0.95700	0.95900

0.95800	0.96000
0.95900	0.96100
0.96000	0.96200
0.96100	0.96300

d) SS = Sell Stop

Sell Stop Price below Ref P by O=D=10

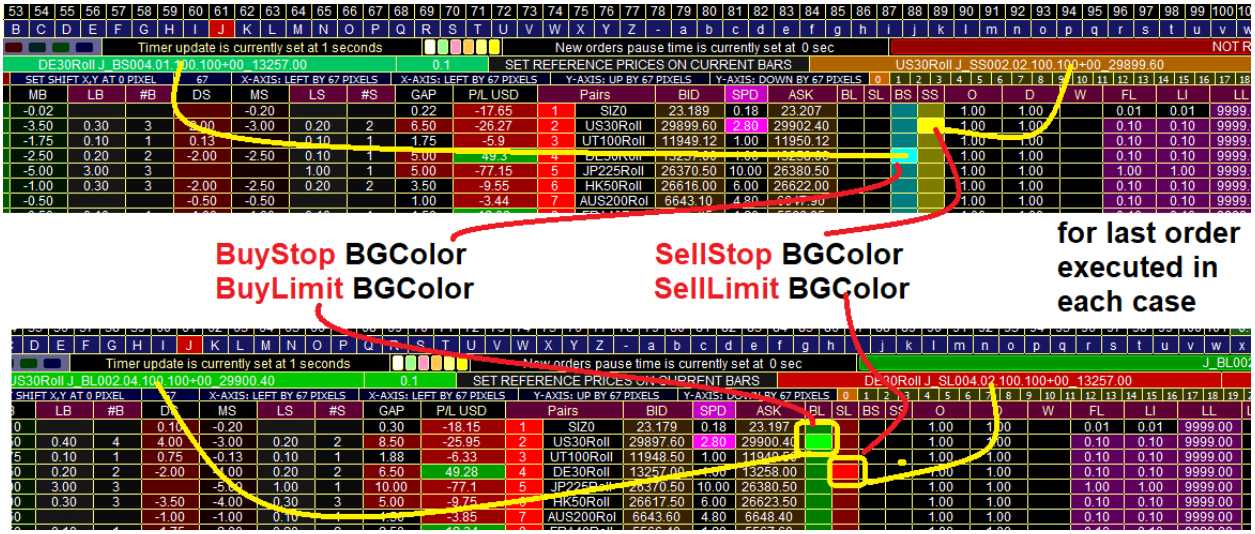
BL	TP
0.95500	0.95300
0.95400	0.95200
0.95300	0.95100
0.95200	0.95000
0.95100	0.94900

in column #B or #S, will might see doubled numbers

IN YOUR CASE
#B shows the number of BL and BS orders
#S shows the number of SL and SS orders

assume price goes up 5 pips then drop 10 pips (5 pips back to ref price) and more 5 pips below ref.

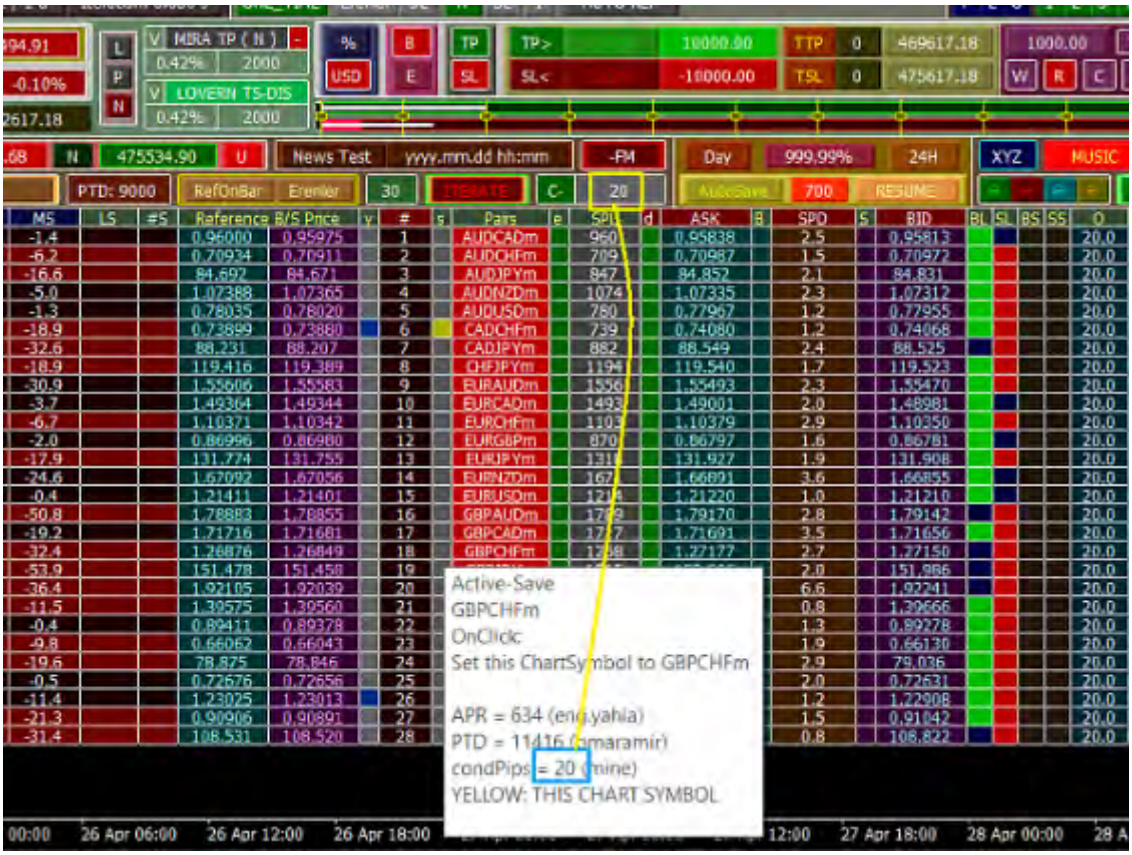
O=D=1
then 5 BS is executed then 5 BL is executed,
sum is #B=10, even though yu see DB= -5, NOT -10



4 different colors--last executed order OrderComment box BackGround colors

5) Conditional Orders (BL/SL/BS/SS)

and each pair may has use its **own -conditional pips** especialy if you aplly **Justice also check under Samira button for exact current pips:**



NewLesson: BLUE-ORDERS(01-05) Conditional Entry (BL)
we have 4 types of blue orders BL-SL-BS-SS
like famous ordinary types

BL:Ordinary BuyLimit or Conditional BuyLimit
Ordinay or normal BL is the same order type BL that we use everyday,:
example:

price now is 1.0**000**

O=D=10, then first five orders are:
1st order at 0.99**90**
2nd order at 0.99**80**
3rd order at 0.99**70**
4th order at 0.99**60**
5th order at 0.99**50**

for Conditional BL, the same procedurs, but order level are shifted up by some pips determined by you let us say cPips=100 pips
then,
1st order at 1.00**90**
2nd order at 1.00**80**

3rd order at 1.00**70**
4th order at 1.00**60**
5th order at 1.00**50**

expert will wait till the prices first goes up by 100 pipsm then start BL from 1.0100 instead of 1.0000
when expert trigger 1.0100, the BL button will be blue

Advantages: many, among them: do not use BL unless some strong resistance is broken!

NewLesson: BLUE-ORDERS(02-05) Conditional Entry (SL)
SL:
Ordinary SellLimit or Conditional SellLimit
Ordinay or normal SL is the same order type SL that we use everyday,:
example:

price now is 1.0**000**

O=D=10, then first five orders are:
1st order at 1.00**10**
2nd order at 1.00**20**
3rd order at 1.00**30**
4th order at 1.00**40**
5th order at 1.00**50**

for Conditional SL, the same procedurs, but order level are shifted down by some pips determined by you let us say cPips=100 pips
then,
1st order at 0.99**10**
2nd order at 0.99**20**
3rd order at 0.99**30**
4th order at 0.99**40**
5th order at 0.99**50**

expert will wait till the prices first goes down by 100 pips, then start sL from 0.9900 instead of 1.0000
when expert trigger 0.9900, the SL button will be blue

Advantages: many, among them: do not use SL unless some strong support has been broken!

NewLesson: BLUE-ORDERS(03-05) Conditional Entry (BS)
BS:
Ordinary BuyStop or Conditional BuyStop
Ordinay or normal BS is the same order type BS that we use everyday,:
example:

price now is 1.0**000**

O=D=10, then first five orders are:
1st order at 1.00**10**
2nd order at 1.00**20**
3rd order at 1.00**30**
4th order at 1.00**40**
5th order at 1.00**50**

for Conditional BS, the same procedurs, but order level are shifted down by some pips determined by you let us say cPips=100 pips
then,
1st order at 0.99**10**
2nd order at 0.99**20**
3rd order at 0.99**30**
4th order at 0.99**40**
5th order at 0.99**50**

expert will wait till the prices first goes down by 100 pips, then start BS from 0.9900 instead of 1.0000
when expert trigger 0.9900, the BS button will be blue

Advantages: many, among them: you guess when prices frop to some level a new trend will emerge.

NewLesson: BLUE-ORDERS(04-05) Conditional Entry (SS)
we have 4 types of blue orders BL-SL-BS-SS
like famous ordinary types

SS: Ordinary SellStop or Conditional SellStop
Ordinay or normal SS is the same order type SS that we use everyday,:
example:

price now is 1.0**000**

O=D=10, then first five orders are:
1st order at 0.99**90**
2nd order at 0.99**80**
3rd order at 0.99**70**
4th order at 0.99**60**
5th order at 0.99**50**

for Conditional SS , the same procedurs, but order level are shifted up by some pips determined by you let us say cPips=100 pips
then,
1st order at 1.00**90**
2nd order at 1.00**80**
3rd order at 1.00**70**
4th order at 1.00**60**
5th order at 1.00**50**

expert will wait till the prices first goes up by 100 pipsm then start SS from 1.0100 instead of 1.0000
when expert trigger 1.0100, the SS button will be blue

Advantages: many, among them, new trend may emerge, then you enter from higher levels with better afgPips, less possible losses. if prices do not drop, you in safe side!

NewLesson: BLUE-ORDERS(05-05) synonyms

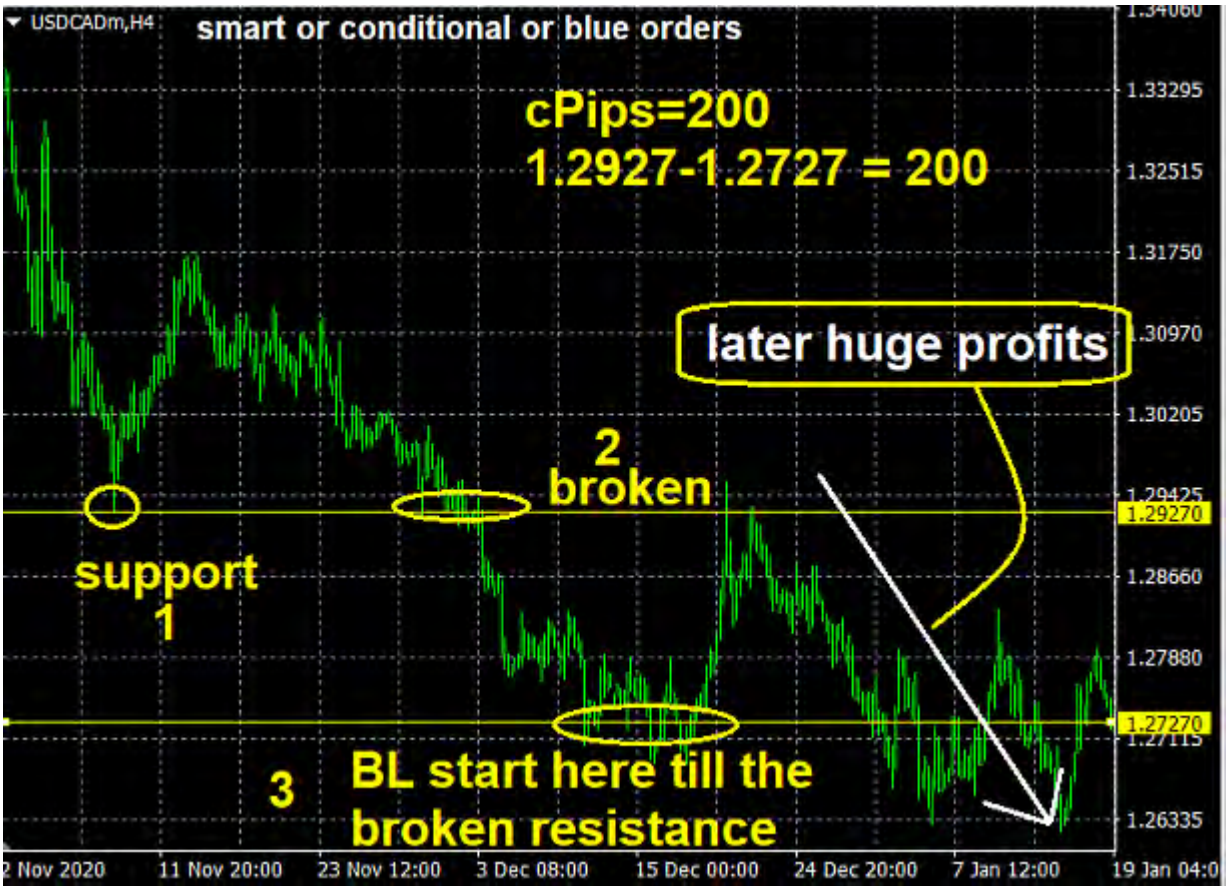
then we have now 10 order types:
old six types

plus new 4 types

المشهورة أو العادية الأوامر
old types we call them: normal types, or ordinary types or famous types.

الذكية أو الزرقاء أو الشرطية الأوامر
new types we call them: **conditional types**, or **blue types** or **smart-types**
Be yourself

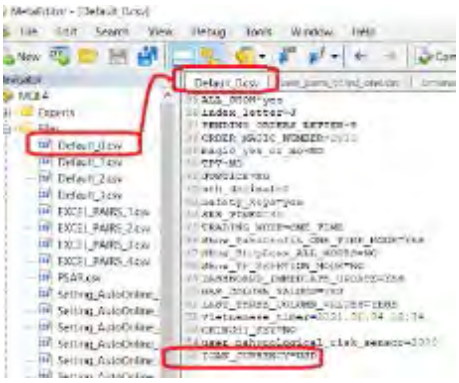
expert will agnore any buylimit entry **till the prices first hit 1.2727**



from your experience, give us another advantages/ cases

try to link these things with market correction like **RSI(or whatever indc)** first hit 70 (assume new trend)
then later when drop to 50, you assume it is a correction.

6) ICAN Default Currency – Choose related orders base on Currency



The last element in the fie
of cource you can copy it to line number 1 or even delete it from the file!

when you attach the e3pert to tha chart--value USD come from **your** file default_0.csv----not my file 😊

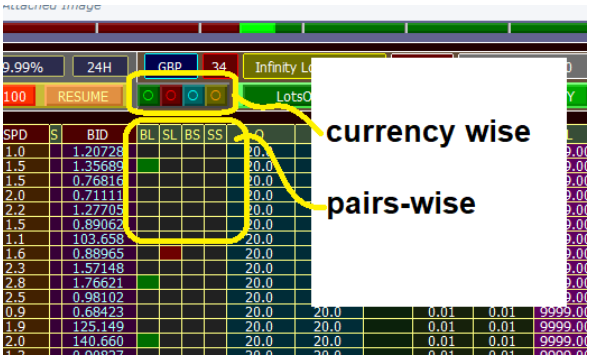
but later you can change it as you like, at any time, to any currency
any click on non currency groups will reset it to AMBIGOUS CURRENCY SYMBOL **XYZ**

NOW
1- select MY
2- you must disable GROUPS-KEY ---**RED**
3- MOUSE-CLICKS button must be **GREEN**
4- in this wat when you click on GBP, expert will not change group from MY to GBP
5- GBP now is your dummy currency--look at ICA-N currency button, GBP immediatly transfered there

click on any of types:
it will be reflected as a currency-wise, not pair-wise
EURGBP is sell ===== GBP itself if BUY.
GREEN circle above **BL**==== it is currency buylimit
and so on

look at **GBP** pairs--backgrounded in deep-blue color

i reomve old colors for specific pairs.



7) Max TO and Max LL for all 4 order types

now #of orders reaching max TO is colored in systematic way:
also Lot limiter for all r types is distiguihws with same order type color
from last month:
BL=Green
SL = Red
BS=Aqua
SS=Orange

Now columns #B (BUY) or #S, (SELL)
plus
columns of TO (BUY) and LD (SELL)
their BGColor will react according to types color

8) Expert Timer button

DUTING OPERATION: use expert timer 3 or more seconds. market will not fly, i personaly use 7 seconds.

Post#5281

that is not true
YOU who make it to trade each 0.500 seconds. Iteration timer
i recommed always **to make expert very very slow** to get good results and give sudden colatity ample time to make prices better.
market will not fly.

9) Widening (W)

W = +1 (Deceleration)

W = -1 (Acceleration)

both on all 28 pairs use O=D=10 Pips
but **bazze** use **W=+1**
while **zoraxfx** W=0;

Price of YYYXXX pair now is **1.0000**
they want to enter sell postions on YYYXXX? for 4 orders??

what there 4 entry levels??

W=0 ==> Simple case, no Widening here (W=Widening)

so **zoraxfx** entry levels:
#1: 1.0010
#2: 1.0020
#3: 1.0030
#4: 1.0040

a) Deceleration (W = 1)

Assume use **W=+1**
but for bazze, matter is somewhat complicated.
#1: 1.0010----X
#2: 1.0020----0
#3: 1.0031----1
#4: 1.0043----2

O=D=10, distance b.w first two orders will be 10 pips,

now each new order will be the same immediate previous diffetence + W value (read it again: plus W value)

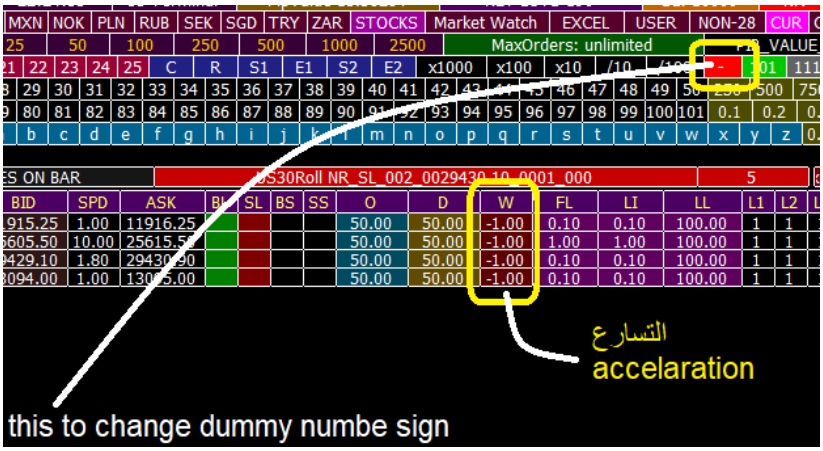
10 pips= difference in pips b/w 1st and 2nd orders
11 pips= difference in pips b/w 2nd and 3rd orders
12 pips= difference in pips b/w 3rd and 4th orders
13 pips= difference in pips b/w 4th and 5th orders
14 pips= difference in pips b/w 5th and 6th orders

b) Acceleration (W = -1)

Assume use W=-1,
assume we continue . .

#1-: 1.0010---- first order X
#2-: 1.0020---- diff = 10 pips
#3-: 1.0029---- diff = 9 pips
#4-: 1.0037---- diff = 8 pips
#5-: 1.0044---- diff = 7pips
#6-: 1.0050---- diff = 6 pips
#7-: 1.0055---- diff = 5 pips
#8-: 1.0059---- diff = 4pips
#9-: 1.0062---- diff = 3 pips

#10: 1.0064---- diff = 2 pips
#11: 1.0065---- diff = 1 pips
#12: 1.0065---- diff = 0 pips
#13: 1.0064---- diff = -1 pips



10 pips= difference in pips b/w 1st and 2nd orders
9 pips= difference in pips b/w 2nd and 3rd orders
8 pips= difference in pips b/w 3rd and 4th orders
7 pips= difference in pips b/w 4th and 5th orders
6 pips= difference in pips b/w 5th and 6th orders

What will happen if we continue for 15 orders??? rotation?
be cerful please, even though program is smart enough to avoid your possible mistakes

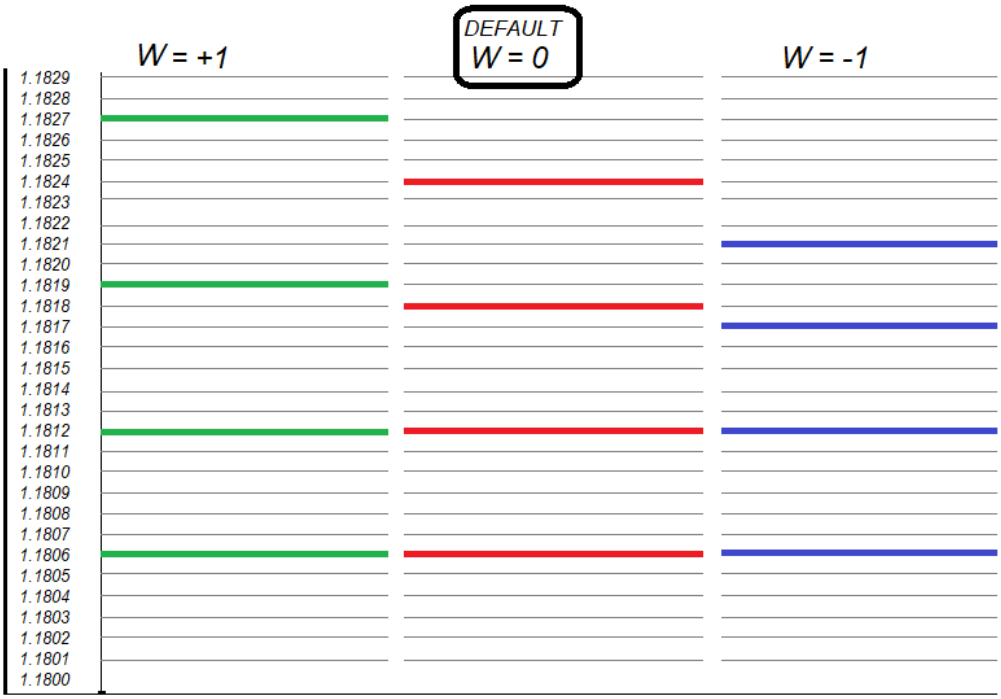
	Time	Type	Size	Symbol	Price	S / L	T / P	Price	Profit	Comment
Balance: 1,069.60 USD Equity: 1,069.60 Free margin: 1,069.60									**0.00**	
2394593	2020.11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18329	×	G_1.18324_SL00.22.100.100
2394592	2020.11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18329	×	G_1.18324_SL00.21.100.100
2394590	2020.11.13 22:48:45	sell limit	0.20	eurusd	1.18614	0.00000	1.17614	1.18329	×	G_1.18324_SL00.20.100.100
2394589	2020.11.13 22:48:45	sell limit	0.19	eurusd	1.18694	0.00000	1.17694	1.18329	×	G_1.18324_SL00.19.100.100
2394588	2020.11.13 22:48:44	sell limit	0.18	eurusd	1.18764	0.00000	1.17764	1.18329	×	G_1.18324_SL00.18.100.100
2394587	2020.11.13 22:48:44	sell limit	0.17	eurusd	1.18824	0.00000	1.17824	1.18329	×	G_1.18324_SL00.17.100.100
2394586	2020.11.13 22:48:44	sell limit	0.16	eurusd	1.18874	0.00000	1.17874	1.18329	×	G_1.18324_SL00.16.100.100
2394585	2020.11.13 22:48:43	sell limit	0.15	eurusd	1.18914	0.00000	1.17914	1.18329	×	G_1.18324_SL00.15.100.100
2394584	2020.11.13 22:48:43	sell limit	0.14	eurusd	1.18944	0.00000	1.17944	1.18329	×	G_1.18324_SL00.14.100.100
2394582	2020.11.13 22:48:42	sell limit	0.13	eurusd	1.18964	0.00000	1.17964	1.18329	×	G_1.18324_SL00.13.100.100
2394581	2020.11.13 22:48:42	sell limit	0.12	eurusd	1.18974	0	rotation point		×	G_1.18324_SL00.12.100.100
2394580	2020.11.13 22:48:41	sell limit	0.11	eurusd	1.18974	0			×	G_1.18324_SL00.11.100.100
2394579	2020.11.13 22:48:41	sell limit	0.10	eurusd	1.18964	0.00000	1.17964	1.18329	×	G_1.18324_SL00.10.100.100
2394578	2020.11.13 22:48:41	sell limit	0.09	eurusd	1.18944	0.00000	1.17944	1.18329	×	G_1.18324_SL00.09.100.100
2394577	2020.11.13 22:48:40	sell limit	0.08	eurusd	1.18914	0.00000	1.17914	1.18329	×	G_1.18324_SL00.08.100.100
2394575	2020.11.13 22:48:40	sell limit	0.07	eurusd	1.18874	0.00000	1.17874	1.18329	×	G_1.18324_SL00.07.100.100
2394574	2020.11.13 22:48:40	sell limit	0.06	eurusd	1.18824	0.00000	1.17824	1.18329	×	G_1.18324_SL00.06.100.100
2394573	2020.11.13 22:48:39	sell limit	0.05	eurusd	1.18764	0.00000	1.17764	1.18329	×	G_1.18324_SL00.05.100.100
2394572	2020.11.13 22:48:39	sell limit	0.04	eurusd	1.18694	0.00000	1.17694	1.18329	×	G_1.18324_SL00.04.100.100
2394571	2020.11.13 22:48:39	sell limit	0.03	eurusd	1.18614	0.00000	1.17614	1.18329	×	G_1.18324_SL00.03.100.100
2394570	2020.11.13 22:48:38	sell limit	0.02	eurusd	1.18524	0.00000	1.17524	1.18329	×	G_1.18324_SL00.02.100.100
2394568	2020.11.13 22:48:38	sell limit	0.01	eurusd	1.18424	0.00000	1.17424	1.18329	×	G_1.18324_SL00.01.100.100

W = minus 1 Effect

D Equity: 1,069.60 Free margin: 1,069.60								0.00	
).11.13 22:48:46	sell limit	0.22	eurusd	1.18424	0.00000	1.17424	1.18325	×	G_1
).11.13 22:48:45	sell limit	0.21	eurusd	1.18524	0.00000	1.17524	1.18325	×	G_1
).11.13 22:48:45	sell limit	0.20	eurusd	1.18614	0.00000	1.17614	1.18325	×	G_1
).11.13 22:48:45	sell limit	0.19	eurusd	1.18694	0.00000	1.17694	1.18325	×	G_1
).11.13 22:48:44	sell limit	0.18	eurusd	1.18764	0.00000	1.17764	1.18325	×	G_1
).11.13 22:48:44	sell limit	0.17	eurusd	1.18824	0.00000	1.17824	1.18325	×	G_1
).11.13 22:48:44	sell limit	0.16	eurusd	1.18874	0.00000	1.17874	1.18325	×	G_1
).11.13 22:48:43	sell limit	0.15	eurusd	1.18914	0.00000	1.17914	1.18325	×	G_1
).11.13 22:48:43	sell limit	0.14	eurusd	1.18944	0.00000	1.17944	1.18325	×	G_1
).11.13 22:48:42	sell limit	0.13	eurusd	1.18964	0.00000	1.17964	1.18325	×	G_1
).11.13 22:48:42	sell limit	0.12	eurusd	1.18974	0.00000	1.17974	1.18325	×	G_1
).11.13 22:48:41	sell limit	0.11	eurusd	1.18974	0.00000	1.17974	1.18325	×	G_1
).11.13 22:48:41	sell limit	0.10	eurusd	1.18964	0.00000	1.17964	1.18325	×	G_1
).11.13 22:48:41	sell limit	0.09	eurusd	1.18944	0.00000	1.17944	1.18325	×	G_1
).11.13 22:48:40	sell limit	0.08	eurusd	1.18914	0.00000	1.17914	1.18325	×	G_1
).11.13 22:48:40	sell limit	0.07	eurusd	1.18874	0.00000	1.17874	1.18325	×	G_1
).11.13 22:48:40	sell limit	0.06	eurusd	1.18824	0.00000	1.17824	1.18325	×	G_1
).11.13 22:48:39	sell limit	0.05	eurusd	1.18764	0.00000	1.17764	1.18325	×	G_1
).11.13 22:48:39	sell limit	0.04	eurusd	1.18694	0.00000	1.17694	1.18325	×	G_1
).11.13 22:48:39	sell limit	0.03	eurusd	1.18614	0.00000	1.17614	1.18325	×	G_1
).11.13 22:48:38	sell limit	0.02	eurusd	1.18524	0.00000	1.17524	1.18325	×	G_1
).11.13 22:48:38	sell limit	0.01	eurusd	1.18424	0.00000	1.17424	1.18325	×	G_1

O = Offset = first order level - reference price
D = Difference b/w n*th* order and (n+1)*th* starting from 2nd order
W = Widening +deaccelaration -accelaration

assume EUR USD now is 1.18000 *O = D = 6 pips*



First 4 orders for three cases

10) First Lot (FL)

First Lot Size when price goes against you based on O and D Concept

11) Lot Increment (L) – based on FL

Lot Increment after First Lot (FL) order has been placed as per above

12) Lot Limiter (LL)

LL = Lot limiter column
this column values show the maximum accumulative pairs in one direction for each pair.

for example your balance is 4000 USD -- you want to enter 50 position on EURUSD -- and at the same time you do not want total lots to exceed 3 lots.
simply set EURUSD LL value t0 3 lots to avoid risky situations!! it depends on you!

a) Lot Limiter Button

Lot limiter
do you wabt to show **ALL** open Lots
or do you want to show **Array** Lots
or do you want to show **Expert** Lots

Array: when you choose for example EUR-7 (red EUR) -- This is **your** current **group selected**--in other words, this is the **array** of 7 pairs. expert will igonre other pairs not on dashboard.

also if you use "EXPERT" mode for LL, expert weill be faster since **there is no** math calc for old orders lots.

13) L1/L2/L3

Refer to topic on Lots Design Configurations

14) Total Orders (TO)

Total orders in <u>one direction</u> (Buy/Sell) for <u>each type</u> (Stop/ Limit)
Example: TO=20, if you activate SL and BL---then there will be a maximum 20 orders Sell Limit and 20 Sell Limit Orders, which give a Grand total of **<u>40</u> orders** for the particular pair

15) Max User Total Order

how to set max user orders??

16) Ladder (LD)

Number of orders before new order **FI+LI** (subseq Last Order + LI) takes place, depending on **Ladder** Value of **LD**

Example:
FI = 0.01
LI = 0.01
LD = 5 (Ladder)
TO = 20 (total 20 Orders)

After first 5 orders, we increase next 5 orders by LI (0.01 in this case), up to max TO (20 in this case)

Therefore:
1st order = 0.01 lot
2nd order = 0.01 lot
3rd order = 0.01 lot
4th order = 0.01 lot
5th order = 0.01 lot
6th order = 0.02 lot(Last order lot+LI)

7th order = 0.02 lot
8th order = 0.02 lot
9th order = 0.02 lot
10th order = 0.02 lot
11th order = 0.03 lot(Last order lot+LI)
12th order = 0.03 lot
13th order = 0.03 lot
14th order = 0.03 lot
15th order = 0.03 lot
16th order = 0.04 lot(Last order lot+LI)
17th order = 0.04 lot
18th order = 0.04 lot
19th order = 0.04 lot
20th order = 0.04 lot

17) Take Profit (TP)

Number of Pips for target Take Profit

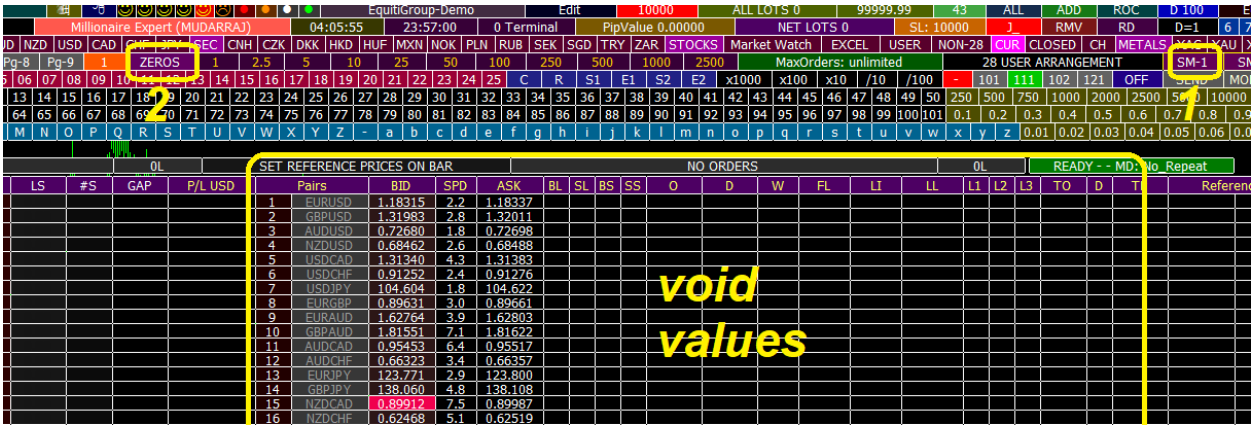
18) Reset – SM1 – "Zeros"

Reset all settings How to **reset** all previos settings?

click "**SM-1**", then click on "**Zero_All**"

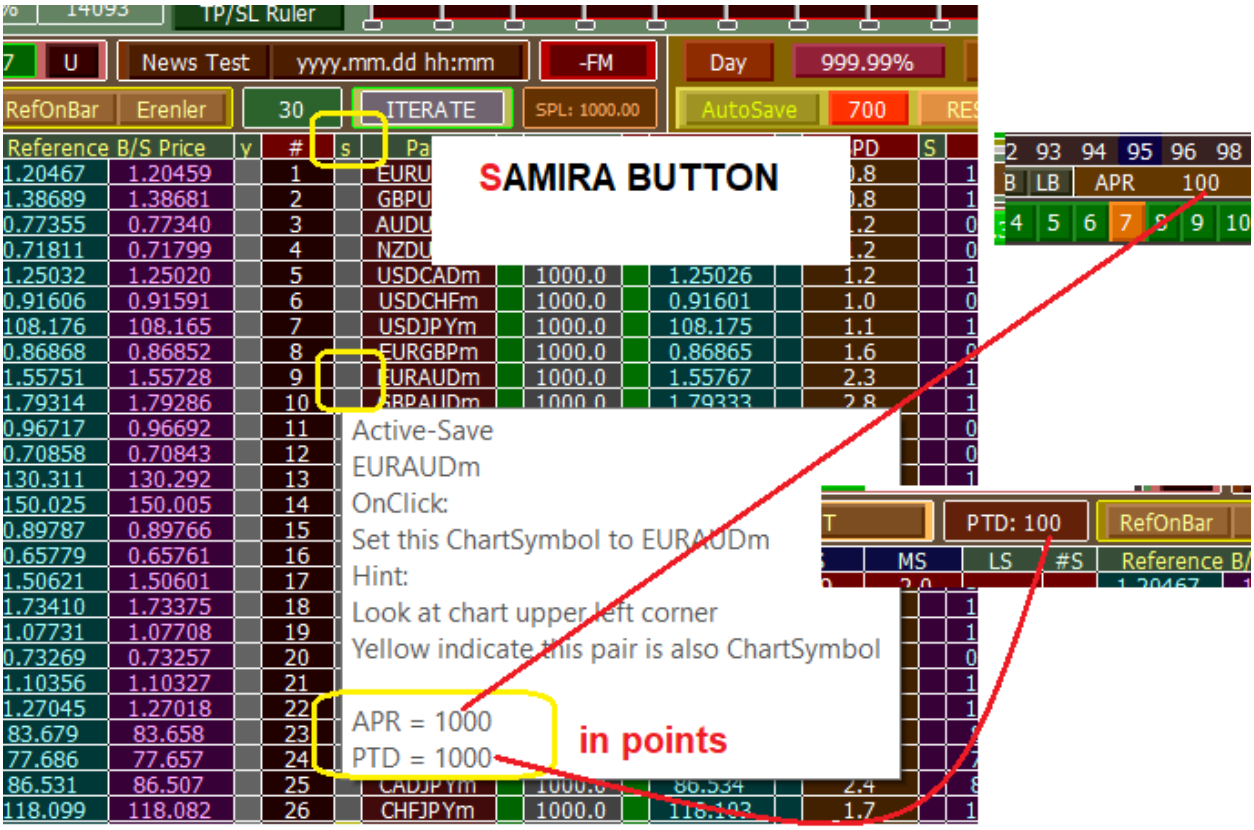
if you click one everything will be void including order types BL, SL, etc..

but since it is a dangerous step to zeros all fields, there is a safety condition: click first on box "SM-1", then "Zero_All" will be ready to accept your click

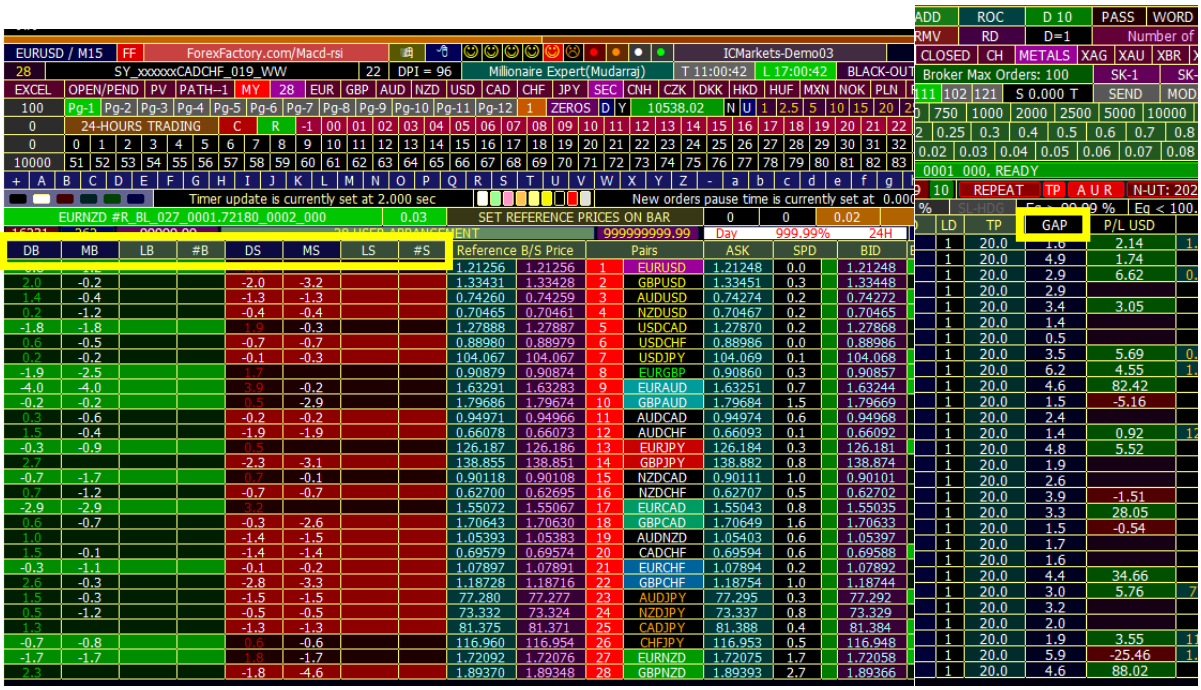


19) "s" Button (APR & PTD)

under **samira-button "s"** you will find each pair:
1) APR(eng.yahia idea)
2) PTD (omaramir idea)



9- Dashboard Part 1- First 8 Dashboard Columns + GAP



DB-MB-#B-LB ---------- CALCUALTIONS BASED ON BUY POSITIONS
DS-MS-#S-LS---------- CALCUALTIONS BASED ON SELL POSITIONS
and
GAP ---------- extreme price movement range

Also be careful-- 4 OF thses 9 columns boxes are action-event objects. ===> #B - #S - LB – LS. The smart point here is that:each box is an INPUT/OUTPUT box! something strange, ususly others(like programmers) are not used to.each box is input and also is output!

1) DB/DS

DB column: values there are Current Price ASK minus BUY reference price
= differece in pips b/w current price and reference price---->for buy direction
it answers question: when I apply expert how many pips price goes against me?? (price goes **down**)

DS column: values there are Current Price BID minus SELL reference price
= differece in pips b/w current price and reference price---->for sell direction
it answers question: when I apply expert how many pips price goes against me?? (price goes **up**)

we know **Buy** orders <u>are executed at ASK price not BID price</u> (people ambigously connect bid to buy . . . . and ask to sell) during **entry**.

their connection is correct only during **exit** not **entry**.

Market rule:
BUY ENTRY at ASK price, ---- BUY EXIT at BID price.
SELL ENTRY at BID price, --- SELL EXIT at ASK price.

DB	MB	LB	#B	DS	MS	LS	#S	Reference B/S Price		Pairs	
49.8	-28.8			-49.8	-49.8			1.19134	1.19108	1	EURUSD
-61.2	-61.2			61.2	-36.1			1.33805	1.33605	2	GBPUSD
41.3	-1.2			-41.3	-41.3			0.73541	0.73341	3	AUDUSD
31.0	-10.0			-31.0	-31.0			0.70019	0.69845	4	NZDUSD
1.1	-9.6			-1.1	-31.6			1.29992	1.29902	5	USDCAD
-31.3	-31.3			31.3	-17.3			0.90815	0.90753	6	USDCHF
-32.6	-32.6			32.6	-6.5			104.451	104.404	7	USDJPY
98.2	-2.4			-98.2	-98.2			0.89002	0.88802	8	EURGBP
34.2	-21.5			[illegible]	[illegible]			1.61763	1.61463	9	EURAUD
-140.2	-140.2			[illegible]	[illegible]			1.81723	1.81423	10	GBPAUD
43.2				[illegible]	[illegible]			0.95679	0.95417	11	AUDCAD
11.3	-16.3			[illegible]	[illegible]			0.66795	0.66587	12	AUDCHF
15.0	-54.3			[illegible]	[illegible]			124.443	124.347	13	EURJPY
-111.0	-111.0			[illegible]	[illegible]			139.785	139.485	14	GBPJPY
36.1	-10.0			[illegible]	[illegible]			0.91036	0.90794	15	NZDCAD
-1.6	-24.7			1.6	-21.5			0.63618	0.63472	16	NZDCHF
67.9	-20.7			67.9	-67.9			1.54845	1.54714	17	EURCAD
-78.7	-78.7			[illegible]	[illegible]			1.73843	1.73543	18	GBPCAD
39.7	-0.1			-39.7	-62.9			1.04908	1.04608	19	AUDNZD
-7.5	-15.8			7.5	-26.7			0.69730	0.69621	20	CADCHF
5.2	[illegible]			-5.2	-18.7			1.08212	1.08122	21	EURCHF
-98.9	-98.9			98.9	-35.4			1.21527	1.21227	22	GBPCHF
17.9	-16.1			-17.9	-30.9			76.814	76.611	23	AUDJPY
3.5	-27.4			-3.5	-26.3			73.172	72.999	24	NZDJPY
-10.7	-22.2			10.7	-15.4			80.266	80.179	25	CADJPY

dark or **shining** colurs??

when **DB** box is **not** important?
ans: **when its value is +ve** ===== no **BUY** orders will be executed

when **DS** box is **not** important?
ans: **when its value is +ve** ===== no **SELL** orders will be executed

So **non-important values** will be **dark** green(for buys) of red(for sells)

while important values (-ve ones) will be **shining** green or red

2) MB/MS

Max worst B/S Pips. M = Maximun = maximum pips market goes against you in **both cases**: 1) buy direction and 2) sell direction.

MB: Maximum worst pips for BUY
MS: Maximum worst pips for SELL

look at account now:
now free margin is minus -- does column #B, #S values will change?
this is the most **difficult** part of expert as we noted earlier. **concentrate** during reading

to answer this question <u>we must first understand what is the **purpose** or meaning of these **two** columns</u>.

and to understand these two columns you have to understand first two extreme pips columns (MB and MS)

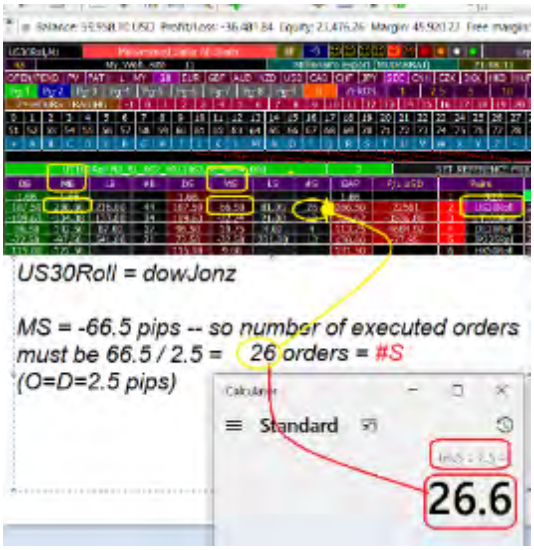
3) #B/#S

Number of B/S orders executed by expert

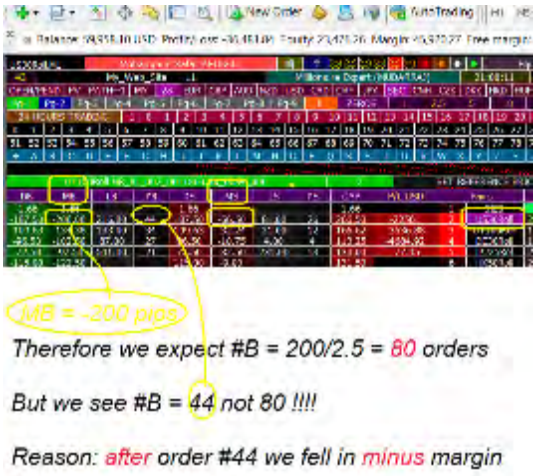
For **US30Roll**--there was <u>adequate free margin</u> ---therefore all orders are executed-no restrictions

#S = 26 orders -- reason: Market goes up by 66.5 pips since applying expert(=Goes gainst us by 66.5 pips up)
since our setting is O=D=2.5 pips (put **new order each 2.5 pips**) then total orders must be 66.5/2.5 = 26 (integer number)

#S is number of sell order executed by expert.
look at picture.



for buy:
For **US30Roll**--there was **no** adequate free margin ---therefore **not** all orders are executed-restrictions



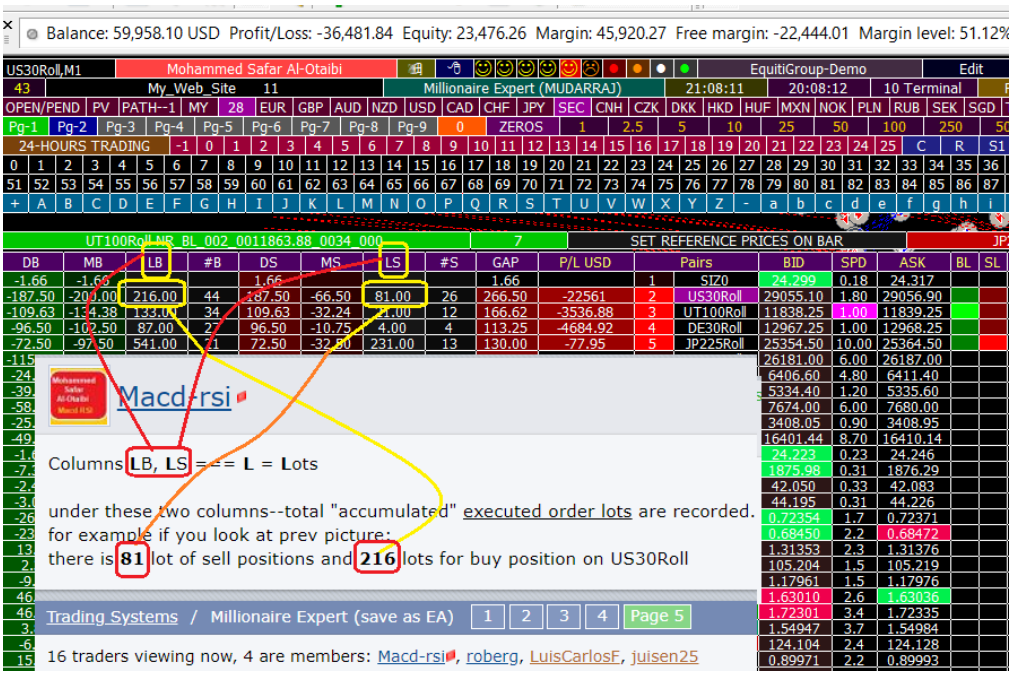
effect of minus free margin = any order satsiy entry condition will not executed.
except when it is a hedging position

4) LB/LS

Columns **L**B, **L**S === **L** = **L**ots

Total "accumulated" executed order lots are recorded.

for example if you look at prev picture:
there is **81** lot of sell positions and **216** lots for buy position on US30Roll



a) Accumulated Lots Formula

n = No. of orders (20 in the above example)
FL = First Lot (0.01)

for **101**-config: very simple rule = **n*FL**
for **111**-config: very simple rule = **n*FL*(1+n)/2** -----> 20*0.01(1+20)/2 = 0.2*21/2=2.1 (check last prev case)
for **102**-config: very simple rule = **(2^n - 1)*FL**

assume my account is 1K USD, !! and I want to check for 20 orders starting with 0.01 lot with ladder = 1 !!
does my account tolerate that?
what is the general rule that I use in advance to know total possible lots prior to attaching expert! (risk-reward study)

(0.01+0.20)/2*20=0.21*10=2.1 Lots!!
2.1 lot ===> pip value is 21.0,
1000/21.0 = **margin call** will be after 40 to 35 pips!! very near!!

Agree
crazy trading!
for 1k lots should not exceed your "frequency" number! (max tolerance)
say mcp (margin call pips) =250 pips! therefore lots should not exceed 0.40 lots!

b) Margin Call Pips

in forex make your holy number -- it must be **Margin Call Pips**-MCP- open new positions as much as

you like, but please at some specific time stop.
stop when the margin call pips reach your x-pips

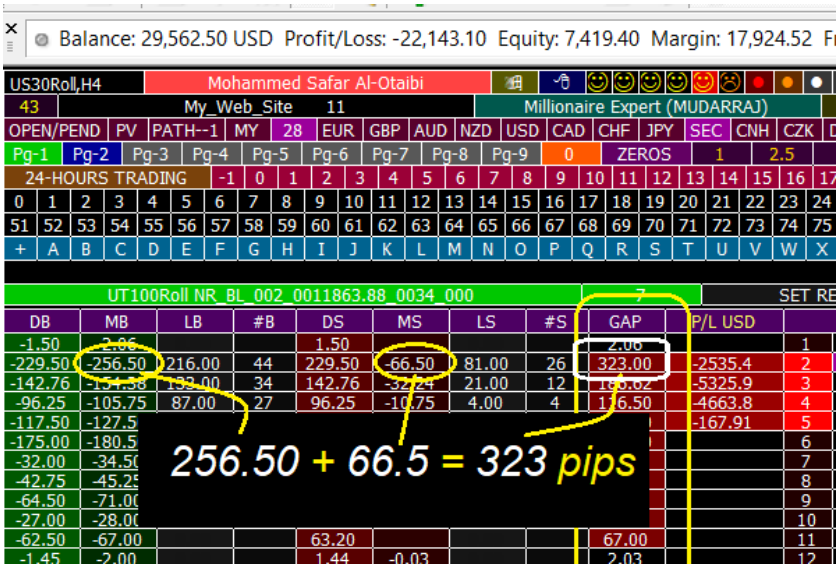
your x is different from my x

if you can tolerate up to 250 pips, your x is 250 pips! your psychlogical holy number when MCP goes down to 240, may you will be nervous upset,

5) Gap

Updated version: See Mathematical Cal Boxes > Gap

it is the totsl range in pips b/w highest price and lowest pricr since referencing (starting expert) by logic == **GAP = MB+MS**



This column shows "***since-last-referencing***" range in pips.
red: range 100 or above
brown: range is 50 or above till 9.99
dark blue: range less than 50 pips

2 3 4 5 6 7 8 9 10 ONE_TIME

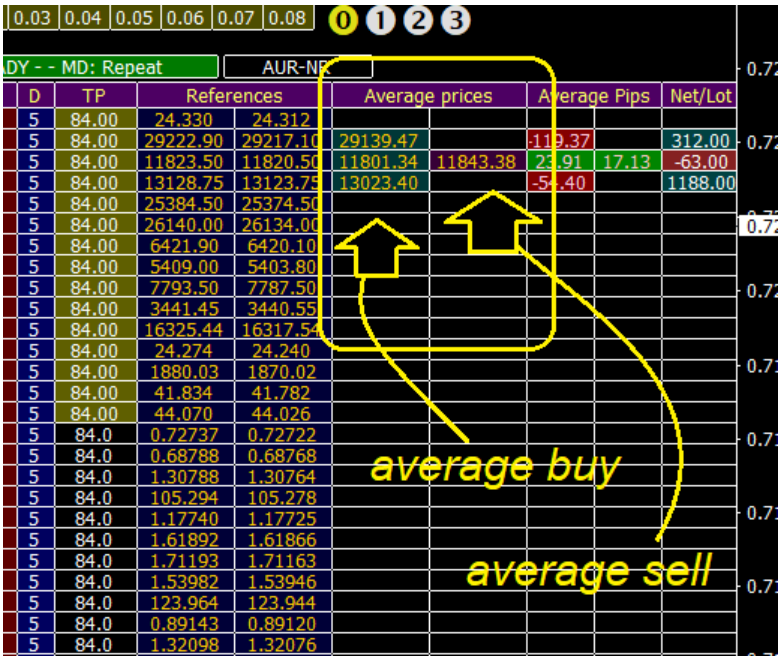
LL	L1	L2	L3	TO	LD	TP	GAP	P/L USD	Average
999.00	1	1	1	84	84	60.0	15.0		
999.00	1	1	1	84	84	60.0	71.00	10.9	
999.00	1	1	1	84	84	60.0	18.13		
999.00	1	1	1	84	84	60.0	40.75	5.68	
999.00	1	1	1	84	84	60.0	60.00	0.04	
999.00	1	1	1	84	84	60.0	124.00	-10.13	26399.17
999.00	1	1	1	84	84	60.0	55.00		
999.00	1	1	1	84	84	60.0	37.90		
999.00	1	1	1	84	84	60.0	82.00		
999.00	1	1	1	84	84	60.0	26.00		
999.00	1	1	1	84	3	60.0	480.40	-10.7	16758.65
999.00	1	1	1	84	84	60.0	19.06		
999.00	1	1	1	84	84	60.0	84.6		
999.00	1	1	1	84	84	60.0	94.9		
999.00	1	1	1	84	84	60.0	27.6		
999.00	1	1	1	84	84	60.0	26.6		
999.00	1	1	1	84	84	60.0	13.9		
999.00	1	1	1	84	84	60.0	20.9		
999.00	1	1	1	84	84	60.0	14.3		
999.00	1	1	1	84	84	60.0	48.0		
999.00	1	1	1	84	84	60.0	54.1		
999.00	1	1	1	84	84	60.0	15.2		
999.00	1	1	1	84	84	60.0	22.0		
999.00	1	1	1	84	84	60.0	17.8		
999.00	1	1	1	84	84	60.0	24.2		
999.00	1	1	1	84	84	60.0	79.8		
999.00	1	1	1	84	84	60.0	89.2		
999.00	1	1	1	84	84	60.0	34.5		
999.00	1	1	1	84	84	60.0	37.5		
999.00	1	1	1	84	84	60.0	11.6		
999.00	1	1	1	84	84	60.0	27.7		
999.00	1	1	1	84	84	60.0	28.1		
999.00	1	1	1	84	84	60.0	20.6		
999.00	1	1	1	84	84	60.0	20.9		
999.00	1	1	1	84	84	60.0	15.3		
999.00	1	1	1	84	84	60.0	52.49		
999.00	1	1	1	84	84	60.0	45.39		
999.00	1	1	1	84	84	60.0	39.64		
999.00	1	1	1	84	84	60.0	15.31		
999.00	1	1	1	84	84	60.0	67.17		
999.00	1	1	1	84	84	60.0	68.6		
999.00	1	1	1	84	84	60.0	98.5		

10- Dashboard Part 2 – Last 5 Columns – Average Prices/ Pips/ Net Lots

Average prices		Average Pips		Net/Lot
1.21146		17.8		0.02
	1.33498		-8.6	-0.07
0.74111		21.6		0.04
	1.27963		21.0	-0.04
0.90779		4.2		0.06
1.63425	1.63372	-19.9	13.9	-0.08
	1.80034		30.9	-0.32
	0.94822		-13.4	-0.04
126.136		10.4		0.02
	138.923		-7.5	-0.30
	1.54956		-3.9	-0.02
	1.70754		9.5	-0.38
	1.05371		-3.7	-0.02
	1.18906		8.8	-0.21
77.145		19.3		0.04
116.770		21.5		0.02
1.72243		-20.1		0.17
	1.89731		28.9	-0.36

1) Average Prices

First two columns under title "**Average prices**"



First column shows average prices of all **buy** positions if any for each pair

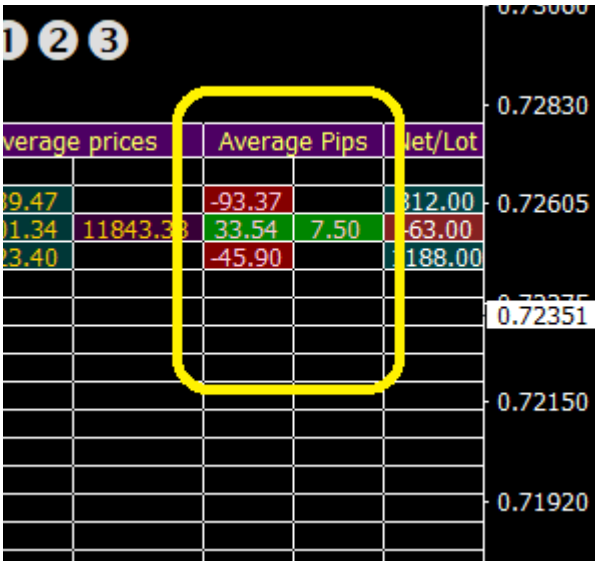
Second column shows average prices of all **sell** positions if any for each pair

all these columns fields are <u>non-action click event</u> -- that mean only shows values (output) -- if you click on them or not, **nothing will change.**
They just display values of average prices staring with comment letter. or AVERAGE OF of all if you select "ALL"

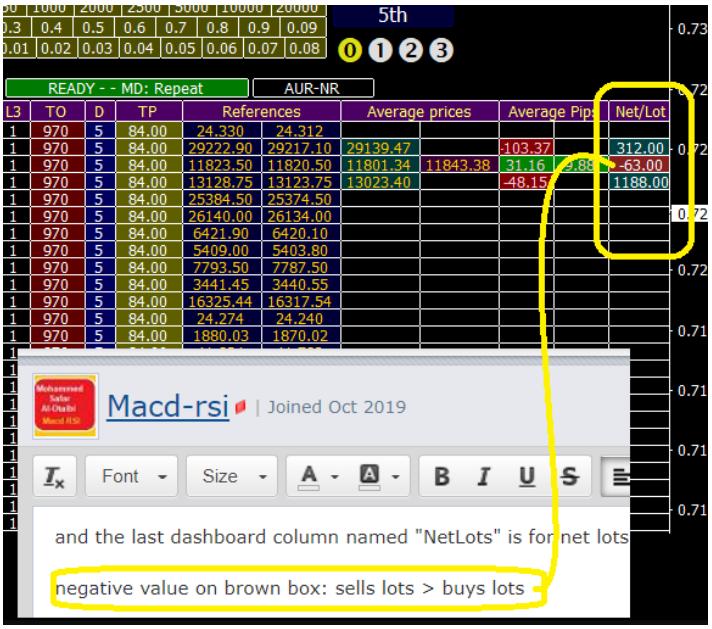
2) Average Pips

"**Average pips**" title **has two columns** shoWing your profit or loss in pips for each pair for both types buy and sell
first column for buy--second for sell

mathematically, it is the differemce b/w current price and average price in pips



3) Net/ Lots



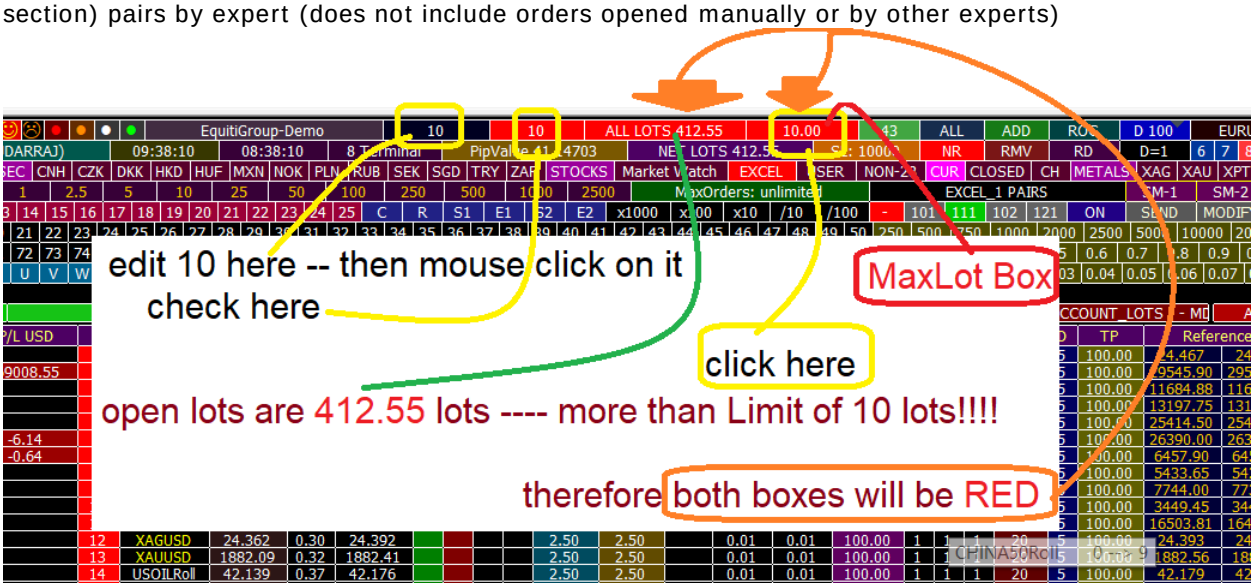
and the last dashboard column named "NetLots" is for net lots of open position (buys lots minus sell lots)

negative value on brown box: sells lots > buys lots

11- Lots and Spreads

1) Maximum Lots

Maximum Lots allowed is based only on ALL orders opened for **ALL** (diff from Lot Limiter **LL** previous section) pairs by expert (does not include orders opened manually or by other experts)



assume you apply expert to 66 pairs!!
and you want to prevent operation if total lots of opened positions for all these 66 pairs reach some

level--let us say 10 lot.
what should you do!
ans: Feed "**Maximun_Lots**" box with value of 10.

now may EURUSD positions sums up to **3** lots,
USD JPY sums to **2.22** lots,
GBPUSD sums to **4** lots
and assume next expert order on GBPUSD with value of 2 lot.
expert will **reject this value** and **modify it** to a new lower value to ensure that "*max lots not to exceed 10 lots*"
2 lots will be changed to **0.78** lot

3+2.22+4+**0.78** = 10 lots

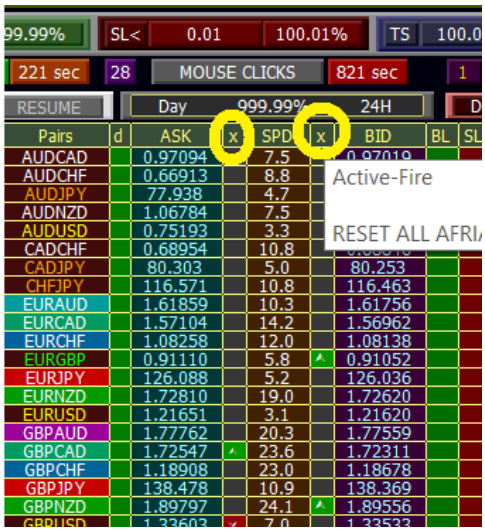
you will choose a value that **suite your balance**! and are convinient to your risk tolerance.

the program default value is almsot infinity "Big Number = 10000 Lots"

to change this value just type in edit field, then click again on edit value--to memorize it. then click on "MaxLot" box--you will see new value inside the box.

2) UP/ Down Arrows

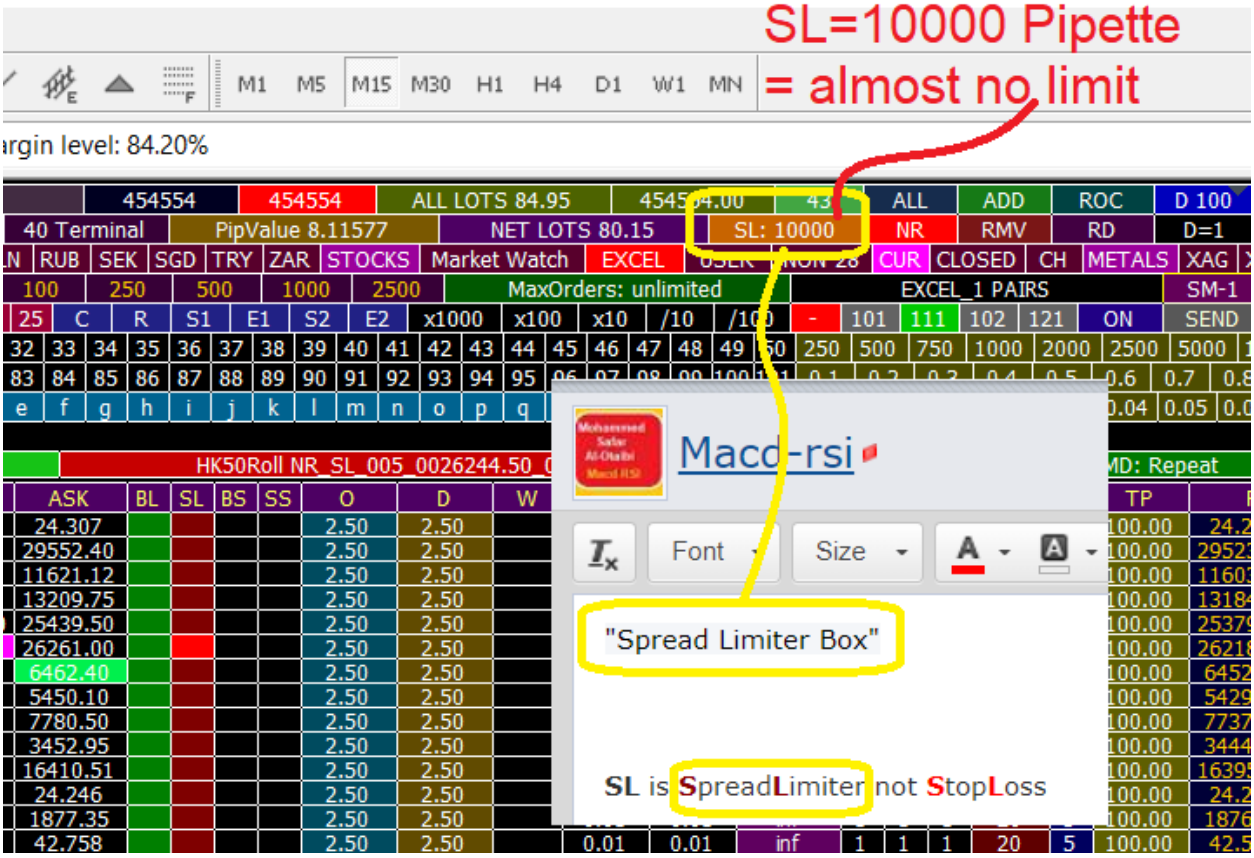
do you want to see these price-movenment indicators or not?
just click on "x" or "x" to activate deactivate.
Gray-Background -- arrows ON
Similar to ask or bid fields col0r--- arrows OFF



3) Spread Limited (~~SL~~ SPL)

Reject orders if spread is widening beyond our "**SPREAD LIMITER**"

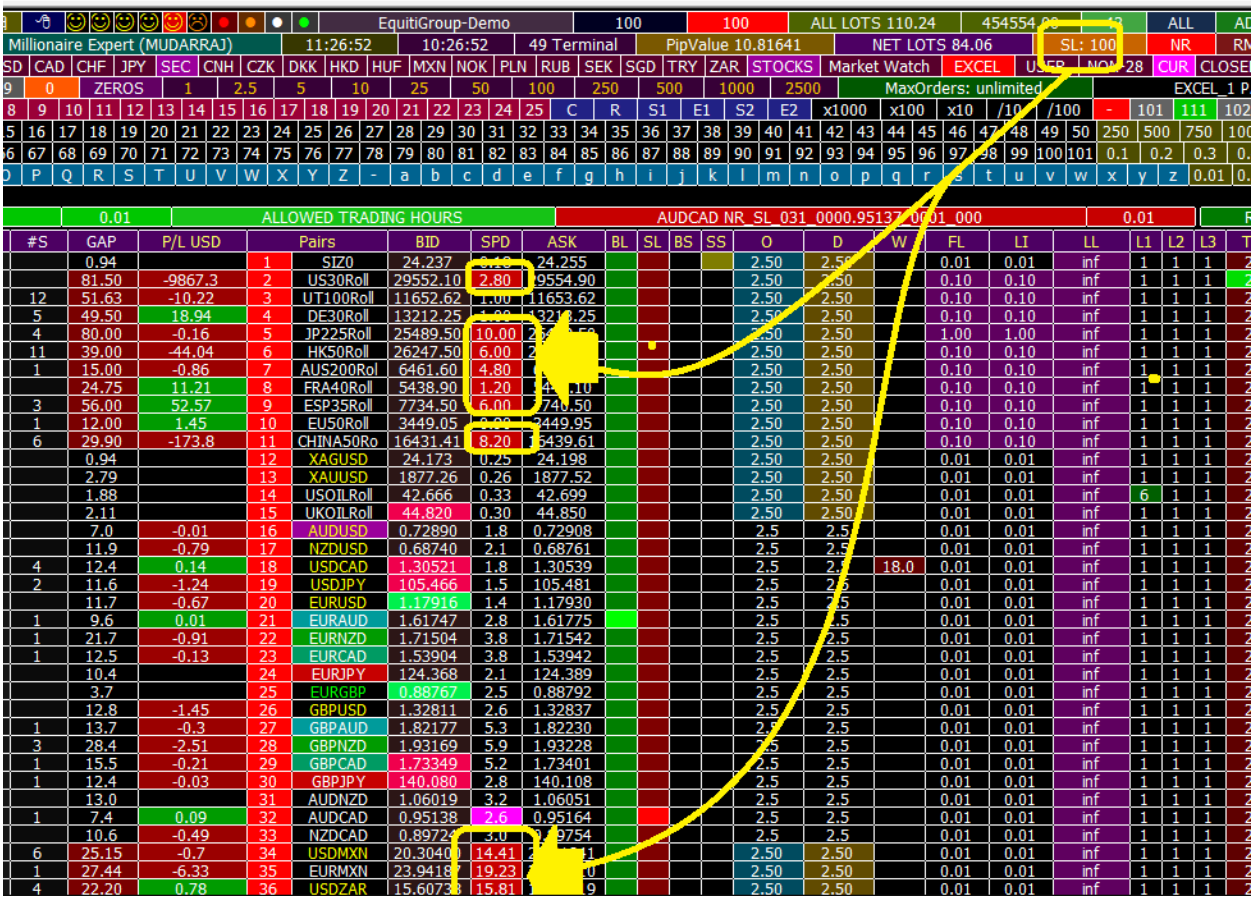
(new version)



"Spread Limiter Box"

usually spread of EURUSD is about 1.6 pips!
tell expert to avoid opening positions on this pair if entry conditions are satisfied when spread is 5.0 pips
it is 5.0 not 5 -- we say "**five point zero**" <----- very important here

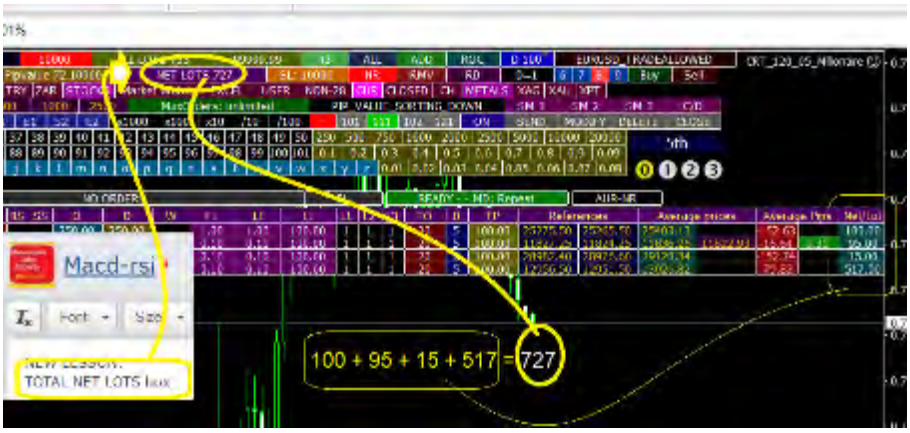
SL is **S**pread**L**imiter not **S**top**L**oss



The color of spread box **of each pair** will detmine is trading on that pair is allowed or nout to to spread limit restriction!
if pair spread box is Red--trade is prohibited temprarily untill spread be within limits
while if spread box is Black , it is normal

below we let SL=100 Pipette = 10 pips or 1 pip(depend on the pair) -- therefore any pair with spraed higher than 10---Trade is blocked!

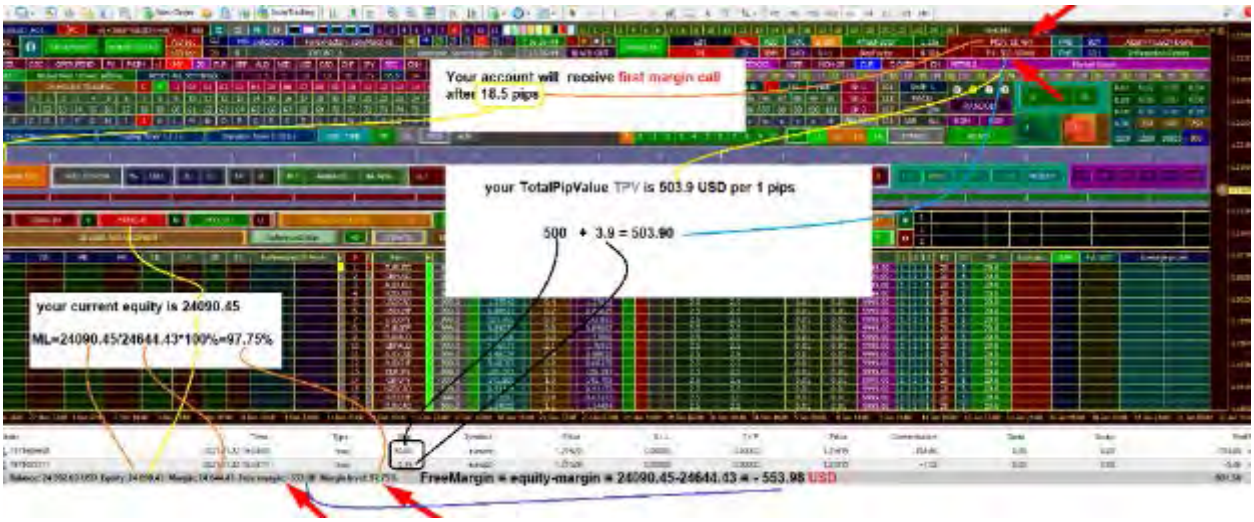
4) Total Net Lots Box



5) Current Pip Value -> Total Pip Value (TPV)

Updated version:

TPV: Total PipValue, MCP: Margin Call Pips, ML, Free Margin (Refer to the other chapters)

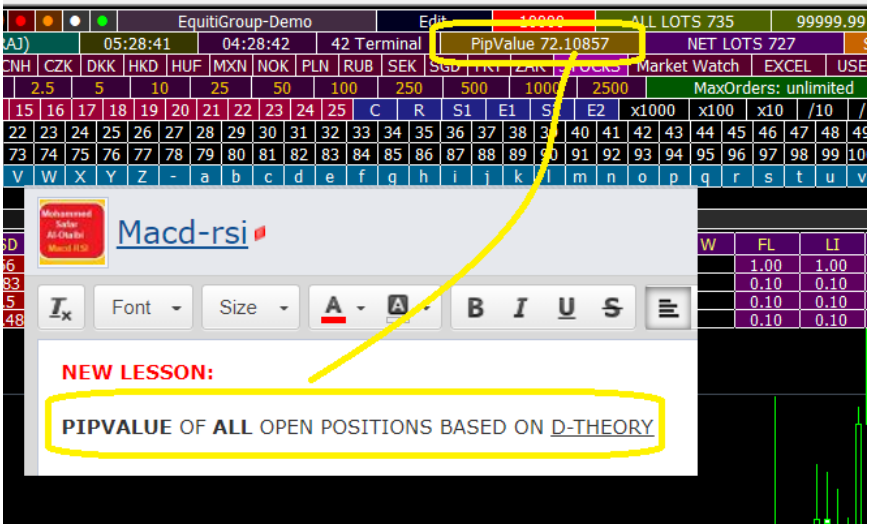


Old Version: See Mathematical Cal Boxes > TPV

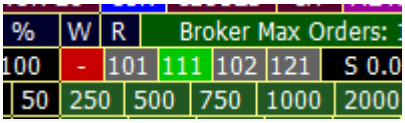
pipvalue of **all** open positions based on d-theory

It depends on net lots (for positions entered **by expert**) at that period.

if you want pipValue for all positions click on **ALL** box as explained earlier.



12- Lots Design Configurations (L1/L2/L3)



Types of Configurations

1) Unified lots for all orders (101) = (1,1,1,1,1, ..)
2) Graded lots for all orders (111) = (1,2,3,4,5,6,7,....)
3) Doubled lots for all orders (102) = (1,2,4,8,16,.....)
4) Custom lot design criterion = xxx (L1/L2/L3 accepts values from 1-9, only L2 accepts 0)

it is not logical for L1 and L3 to be 0 -- so programm will reject this value--you can not put them 0 , even if you intentionally try.

thererfore there are 999 possible lot designs.

assume **Ladder=1**;
and
FL = 0.01 lot ----------(first order lot)
and
LI=0.01 lot ----------(lot increment)

1) Unified lots (101) = (1,1,1,1,1, ..)

if we use **101** configurations, first five orders lots will be as follow: (**101 = unified**)
order #1: 0.01 lot
order #2: 0.01 lot
order #3: 0.01 lot
order #4: 0.01 lot
order #5: 0.01 lot
each new order = previous order

2) Graded lots (111) = (1,2,3,4,5,6,7,....)

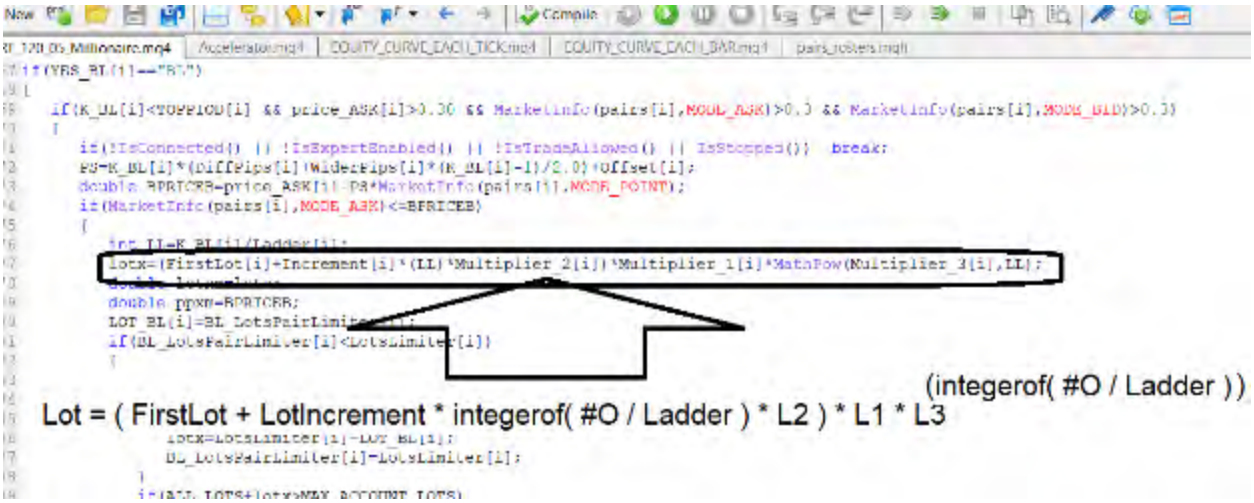
if we use **111** configurations, first five orders lots will be as follow: (**111 = graded**)
order #1: 0.01 lot
order #2: 0.02 lot
order #3: 0.03 lot
order #4: 0.04 lot
order #5: 0.05 lot
each new order is incremented by LI lots added to previous immediate order lots.

3) Double lots (102) = (1,2,4,8,16,.....)

and if we use **102** configurations, first five orders lots will be as follow: (**102 = doubled**)
order #1: 0.01 lot
order #2: 0.02 lot
order #3: 0.04 lot
order #4: 0.08 lot
order #5: 0.16 lot
each new order is double of previous immediate order.

4) 1-2-1 lots (121) = (1,2,5,7,9,11,13, ...)

5) Custom lot configuration



Assume we adopt 325 (= 3-2-5) configuration ===> L1=3, L2=2, L3=5
and FL=LI=0.01;

What is the first **three** order lots (assume ladder = 1) upon last equation?
#O = 1 then 2 then 3 (= first order then second order then third order)

will be updated come back after 1 min

#1 order is: **Lots1 =** (0.01+0.01*int(0/1)*2)*3*5^(int(0/1)) = (0.01+0.01*0*2)*3*5^0 = (0.01+0)*3*1 = **0.03 lot**

#2 order is: **Lots2 =** (0.01+0.01*int(1/1)*2)*3*5^(int(1/1)) = (0.01+0.01*1*2)*3*5^1 = (0.01+0.02)*3*5 = **0.45 lot**
#3 order is: **Lots3 =** (0.01+0.01*int(2/1)*2)*3*5^(int(2/1)) = (0.01+0.01*2*2)*3*5^2 = (0.01+0.04)*3*25 = **3.75 lot**

do you see 325 config: 0.03--->0.45--->3.75
great jump in lots for each new order

hence 325 is not a number.
It is just a three digits beside each others 😊
325=3-2-5 ==> L1L2L3

a) Proof of Concept – Graded Lots 111

proof config **111**=1-1-1 -- graded orders?? why graded?
ans: equiation give thar: 0.01 then 0.02 then 0.03 etc....

proof:

L=LI=0.01 Lots----------Ladder=1---------- L1L2L3=111=1-1-1 ==> L1=1, L2=1, L3=1;
starting of numbering order from 0; #O = 0, then =1, then =2 etc...

Order#1: lot1=(0.01+0.01*int(0/1)*1)*1*1^(int(0/1)) = (0.01+0.00)*1*1^(0) = 0.01*1 = **0.01**
Order#2: lot2=(0.01+0.01*int(1/1)*1)*1*1^(int(1/1)) = (0.01+0.01)*1*1^(1) = 0.02*1 = **0.02**

Order#3: lot3=(0.01+0.01*int(2/1)*1)*1*1^(int(2/1)) = (0.01+0.02)*1*1^(2) = 0.03*1 = **0.03**
Order#4: lot4=(0.01+0.01*int(3/1)*1)*1*1^(int(3/1)) = (0.01+0.03)*1*1^(3) = 0.04*1 = **0.04**
Order#5: lot5=(0.01+0.01*int(4/1)*1)*1*1^(int(4/1)) = (0.01+0.04)*1*1^(4) = 0.05*1 = **0.05**
Order#6: lot6=(0.01+0.01*int(5/1)*1)*1*1^(int(5/1)) = (0.01+0.05)*1*1^(5) = 0.06*1 = **0.06**
Order#7: lot7=(0.01+0.01*int(6/1)*1)*1*1^(int(6/1)) = (0.01+0.06)*1*1^(6) = 0.07*1 = **0.07**

look how it was incremeted each time bu 0.01 lot (LI=0.01)

b) Proof of Concept – Double Lots 102

Why config **102** result in double lots each time? even though we are using the same equation.
??

answer:
rule is:
Lotsx = (FL+LI*int(#O/Ladder)*L2)*L1*L3^(int(#O/Ladder))

FL=LI=0.01 Lots----------Ladder=1---------- L1L2L3=102=1-0-2 ==> L1=1, L2=0, L3=2;
starting of numbering order from 0; #O = 0, then =1, then =2 etc...

Order#1: lot1=(0.01+0.01*int(0/1)*0)*1*2^(int(0/1)) = (0.01+0)*1*2^(0) = 0.01*1 = **0.01**
Order#2: lot2=(0.01+0.01*int(1/1)*0)*1*2^(int(1/1)) = (0.01+0)*1*2^(1) = 0.01*2 = **0.02**
Order#3: lot3=(0.01+0.01*int(2/1)*0)*1*2^(int(2/1)) = (0.01+0)*1*2^(2) = 0.01*4 = **0.04**
Order#4: lot4=(0.01+0.01*int(3/1)*0)*1*2^(int(3/1)) = (0.01+0)*1*2^(3) = 0.01*8 = **0.08**
Order#5: lot5=(0.01+0.01*int(4/1)*0)*1*2^(int(4/1)) = (0.01+0)*1*2^(4) = 0.01*16 = **0.16**
Order#6: lot6=(0.01+0.01*int(5/1)*0)*1*2^(int(5/1)) = (0.01+0)*1*2^(5) = 0.01*32 = **0.32**
Order#7: lot7=(0.01+0.01*int(6/1)*0)*1*2^(int(6/1)) = (0.01+0)*1*2^(6) = 0.01*64 = **0.64**

double each time
Order#1: lot1=(0.01+0.01*int(0/1)*0)*1*2^(int(0/1)) = (0.01+0)*1*2^(0) = 0.01*1 = 0.01

c) Proof of Concept – Double Lots 121

121-CONFIGURATION:
we expect expert to place order lots in the following manner assuming ladder=1, FL=0.01=LI

Order#1: lot1=(0.01+0.01*int(0/1)*2)*1*1^(int(0/1)) = (0.01+0.00)*1*1^(0) = 0.01*1 = **0.01**
Order#2: lot2=(0.01+0.01*int(1/1)*2)*1*1^(int(1/1)) = (0.01+0.02)*1*1^(1) = 0.03*1 = **0.02**
Order#3: lot3=(0.01+0.01*int(2/1)*2)*1*1^(int(2/1)) = (0.01+0.04)*1*1^(2) = 0.05*1 = **0.05**
Order#4: lot4=(0.01+0.01*int(3/1)*2)*1*1^(int(3/1)) = (0.01+0.06)*1*1^(3) = 0.07*1 = **0.07**
Order#5: lot5=(0.01+0.01*int(4/1)*2)*1*1^(int(4/1)) = (0.01+0.08)*1*1^(4) = 0.09*1 = **0.09**
Order#6: lot6=(0.01+0.01*int(5/1)*2)*1*1^(int(5/1)) = (0.01+0.10)*1*1^(5) = 0.11*1 = **0.11**
Order#7: lot7=(0.01+0.01*int(6/1)*2)*1*1^(int(6/1)) = (0.01+0.12)*1*1^(6) = 0.13*1 = **0.13**

6) Other ways for Lot Increments

a) 3 ways to configure for no Lot Increments

#Post 2249

There are three cases, lots will be unified, but the best of them is 101

below: all three cases for all 33 orders. lots of each order will be 0.01---**no increment** here.

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD		1.21155	1.5	1.21140					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
2	GBPUSD		1.33577	2.6	1.33551					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
3	AUDUSD		0.74251	1.7	0.74234					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
4	NZDUSD		0.70374	2.2	0.70352					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
5	USDCAD		1.27908	2.2	1.27886					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
6	USDCHF		0.89110	2.2	0.89088					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0
7	USDJPY		104.042	1.6	104.026					50.0	50.0		0.01	0.01	9999.00	1	1	1	33	33	85.0

or

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD		1.21155	1.6	1.21139					50.0	50.0		0.01	0.01	9999.00	1		1	33	2	85.0
2	GBPUSD		1.33535	2.4	1.33511					50.0	50.0		0.01	0.01	9999.00	1		1	33	2	85.0
3	AUDUSD		0.74245	1.6	0.74229					50.0	50.0		0.01	0.01	9999.00	1		1	33	2	85.0
4	NZDUSD		0.70372	2.2	0.70350					50.0	50.0		0.01	0.01	9999.00	1		1	33	2	85.0
5	USDCAD		1.27911	2.1	1.27890					50.0	50.0		0.01	0.01	9999.00	1		1	33	2	85.0
6	USDCHF		0.89110	2.2	0.89088					50.0	50.0		0.01	0.01	9999.00	1		1	33	2	85.0
7	USDJPY		104.043	1.5	104.028					50.0	50.0		0.01	0.01	9999.00	1		1	33	2	85.0

or

#	Pairs	d	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
1	EURUSD		1.21148	1.5	1.21133					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
2	GBPUSD		1.33537	2.5	1.33512					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
3	AUDUSD		0.74242	1.6	0.74226					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
4	NZDUSD		0.70361	2.2	0.70339					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
5	USDCAD		1.27920	2.2	1.27898					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
6	USDCHF		0.89118	2.2	0.89096					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0
7	USDJPY		104.046	1.4	104.032					50.0	50.0		0.01		9999.00	1	9	1	33	2	85.0

L2 no effect in this case what ever its value

in the rule for third case since LI=0
LI*L2 = 0*9 = **0** whatever the value of L2.===> 0: no increment

13- Smart Order Concept

SMART EXPERT
This expert is many experts with one expert!
up to now we speak about ordinary expert (normal--not smart)

1) ONE TIME

a) Hidden Take Profit

Red: Hidden Take Profit
Green: Show Take Profit

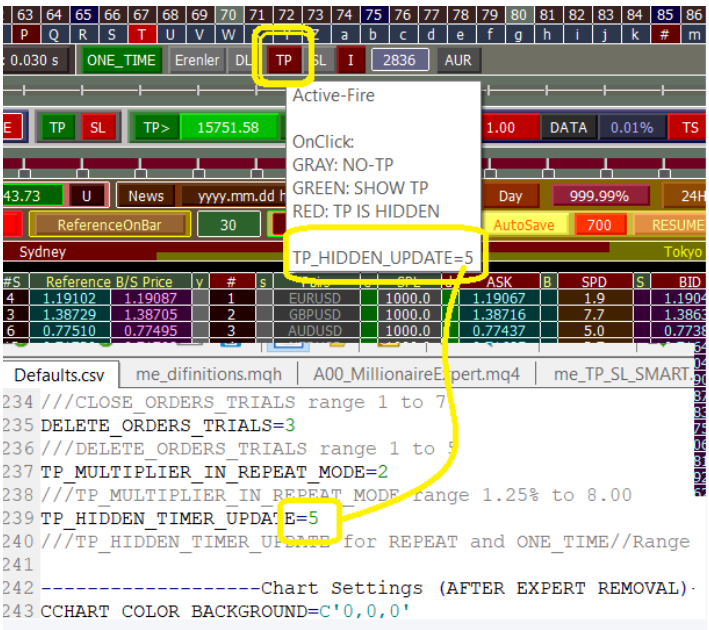
here we ignore placing TP (TakeProfit)----Hidden Take Profit
when any order is executed you will notice TP = 0.00000 (NO TAKE PROFIT)

BROKER CAN NOT SEE YOUR TAKE PROFIT
but in your mind you know any position will be closed after profit of 100 PIPS
that is smart-- but what is more smarter is to repeat placing order as pending order at prev entry price when the order is closed autmatically at predifiend TP.

How to revoke **SmartExpert**?
ans: simply click on > > > later

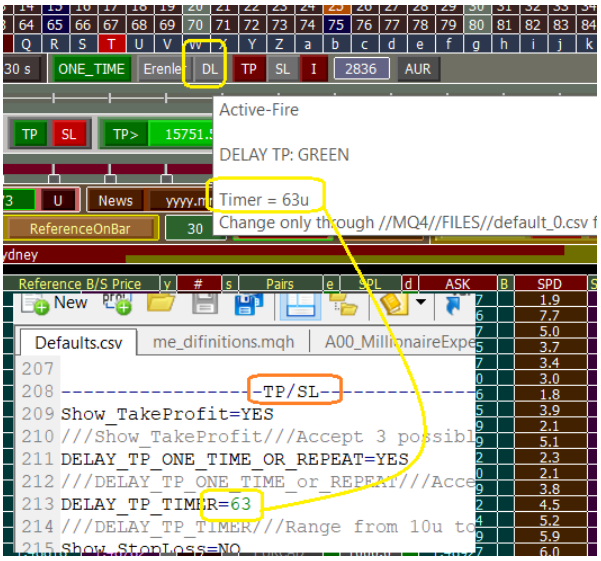
i) Hidden Take Proft Timer

you will find your default value under tooltip of TP button
this timer make expert more lighter during orders executions.
instead of iteration each 1 sec, it check each 5 seconds.
you may see now TP is above your target, but the order is not closed. reason: waiting for closing time.



b) Delay TP Timer

you will find your default value under tooltip of DL button



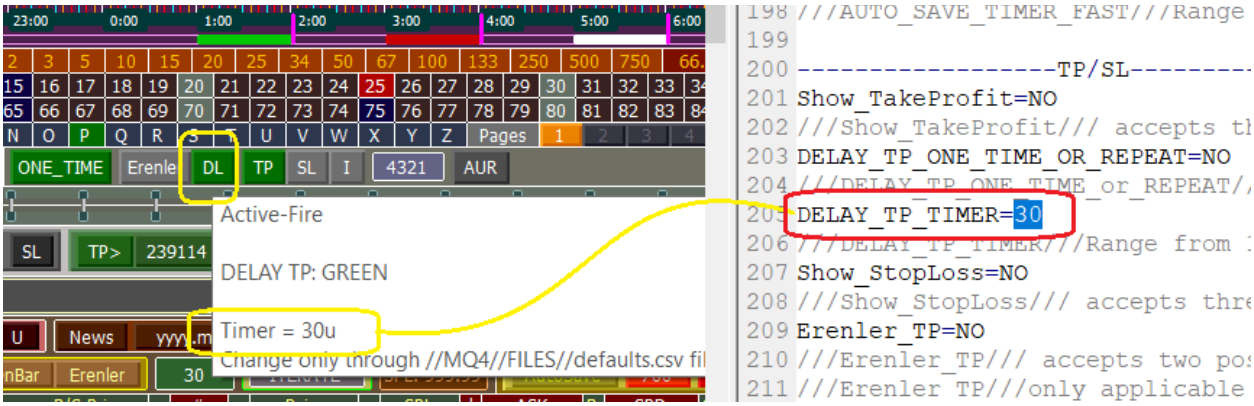
Post #7431

do not forget to activate DL to be green
the timer of DL you can set in defaults file

DL searchs for 0.0000 TP orders and change it according to TP in dashboard for all **ARRAY** pairs

look at tooltips of DL
the value there is 30u
it is your value--not my value, not expert default value

you who set it at 30 u--since you make it in default 30

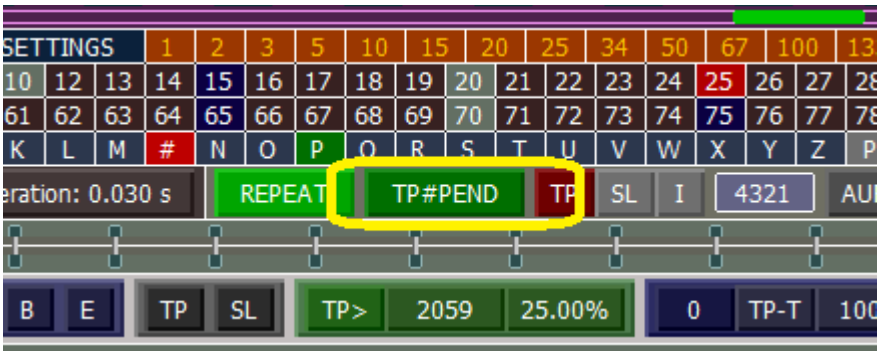


therefore each 30u (30 seconds if expert timer is 1 sec --- or 60 seconds if expert timer is 2 -- 2*30=60) the expert will check for 0.0000 TP and filled it with non-zero TP

therefore each 30**u**pdates the expert will check for 0.0000 TP and filled it with non-zero TP for the array
array = pairs shown on dashboard --- that mean it does not include other pairs with open positions if not shown on the dashboard

2) REPEAT MODE

IF YOU REMEBER OLD BUTTON "**SHOW**"
replaced by this button for repeated pending orders SL or TP or both



now it is active-fire button

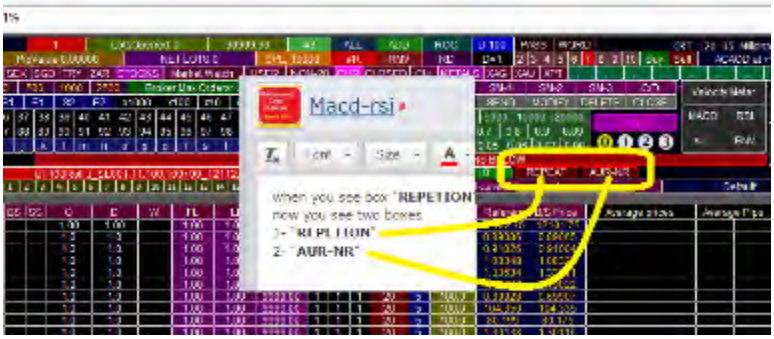
be careful
always GREEN-TP under **repeat**-mode is different from GREEN-TP under **one-time** mode.

and they should not be the same

for repeat mode if TP color is green or brown, always there is HIDDEN-TP
but green is hiddden TP+show doubled TP
in brown: no TP is shown
therefore it is **impossible and aganist common sense** to have **Gray**-color TP under **repeat** mode

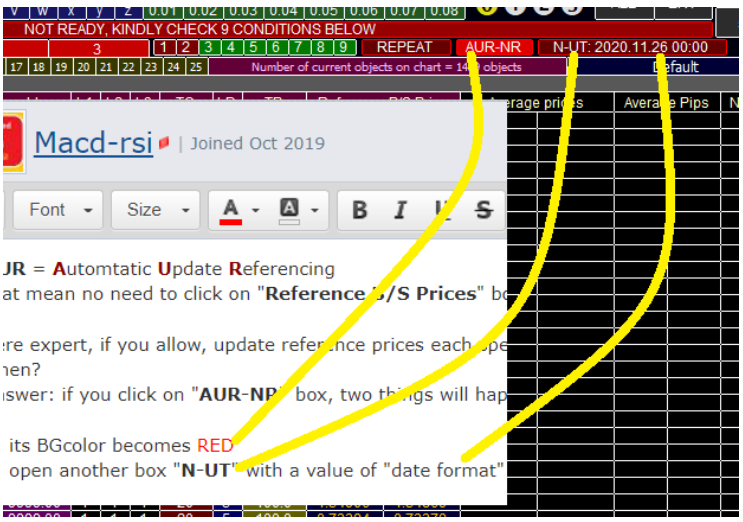
a) AUR - Repeat order

i) Repeat Order Concept



when you see box "**REPETION**" -- you must see in the right another box named "**AUR-NR**" -- now you see two boxes
1- "**REPETION**"
2- "**AUR-NR**" -- **Brown** **BG**Color

BG = **B**ack**G**roud



AUR = **A**utomtatic **U**pdate **R**eferencing
that mean no need to click on "**Reference B/S Prices**" box -- or "BAR_REFRENCING" box, by your mouse

here expert, if you allow, update reference prices each specific intervl of time.
when?
answer: if you click on "**AUR-NR"** box, two things will happen:

1- its BGcolor becomes RED
2- open another box "**N-UT**" with a value of "date format"

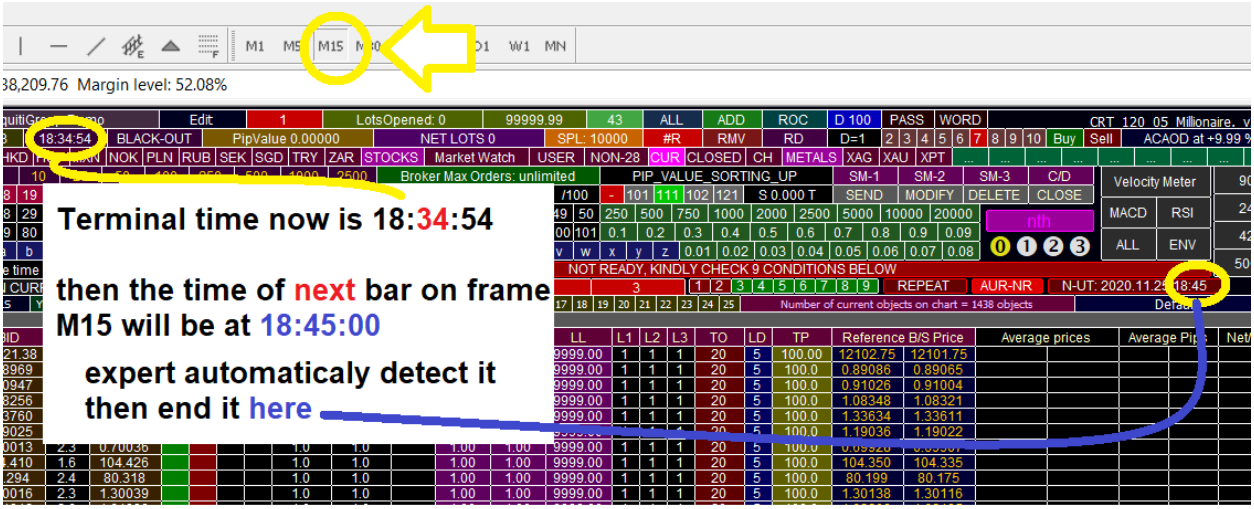
"N-UT" = Next UpdateTIME

focus: here expert check chart frame:
-if it is daily choose next daily bar time--- then-- when time reachs this point, change refrence

prices to ASKs and BIDs, at the opening of new **day** bar.
today 25.11.2020, so you see on picture next UpdateTime at 26.11.2020

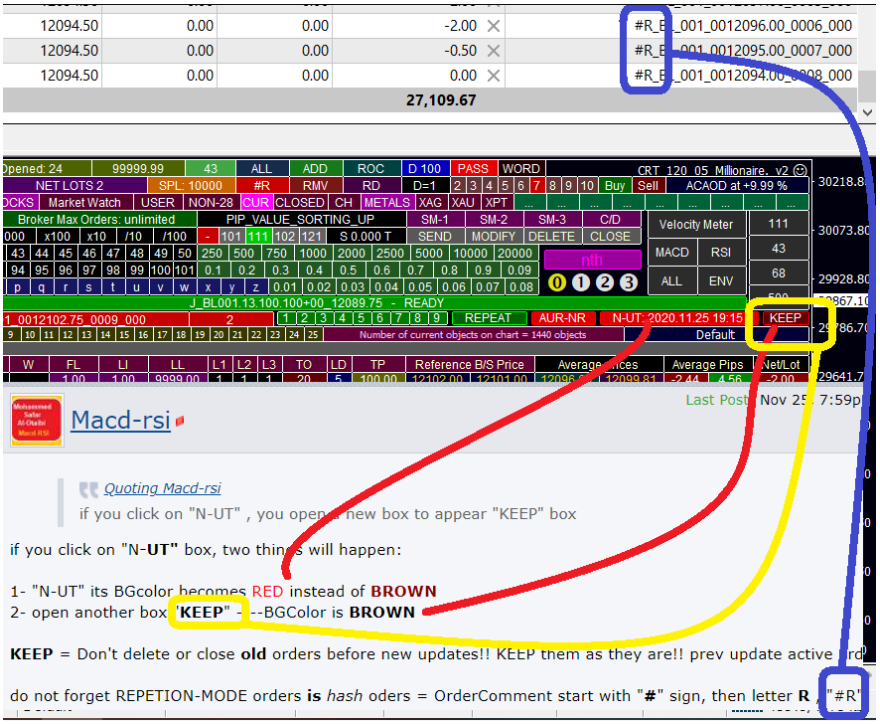
-if it is H4 choose next H4 bar time--- then-- when time reachs this point, change refrence prices to ASKs and BIDs, at the opening of new **H4** candle
then copy-paste:
-if it is H1 choose next H1 bar time--- then-- when time reachs this point, change refrence prices to ASKs and BIDs, at the opening of new **H1** candle
-if it is M1 choose next M1bar time--- then-- when time reachs this point, change refrence prices to ASKs and BIDs, at the opening of new M1 candle
-if it is WEEKLY choose next WEEKLY bar time--- then-- when time reachs this point, change refrence prices to ASKs and BIDs, at the opening of new WEEKLY candle
-if it is M30 choose next m30 bar time--- then-- when time reachs this point, change refrence prices to ASKs and BIDs, at the opening of new m30 candle

and so on



now assume you select time frame M15, == you by mouse change ChartFrame to M15:
expert now knows ChartPeriod = M15
and check current terminalTime
then look for the opening time of the next M15 candles
then stored as a N-UT
That mean update will tak place = == replace old reference prices by new ones "ASKs and BIDs" of M15, for all pairs.

picture is very clear (above)



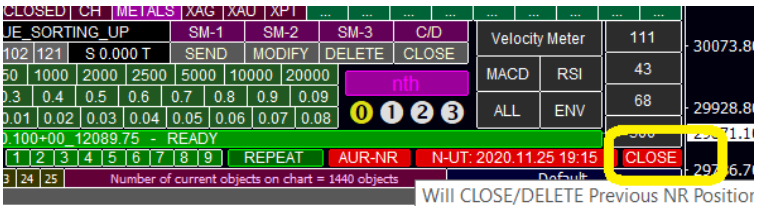
if you click on "N**-UT"** box, two things will happen:

1- "N-UT" its BGcolor becomes RED instead of **BROWN**
2- open another box "**KEEP**" ----BGColor is **BROWN**

KEEP = Don't delete or close **old** orders before new updates!! KEEP them as they are!! prev update active orders remain as a part of newUpdate orders!

do not forget REPETION-MODE orders **is** *hash* oders = OrderComment start with "**#**" sign, then letter **R** , "#R" orders

look at p.



look at last post pct.
KEEP is active-fire box also, since it is part of OnLineTrading

if you click on, BGColor will be RED instead of BROWN

and word "**KEEP**" will be replaced by word "**CLOSE**"

all three boxes associated with **REPETION** are RED

What will happen at this case:

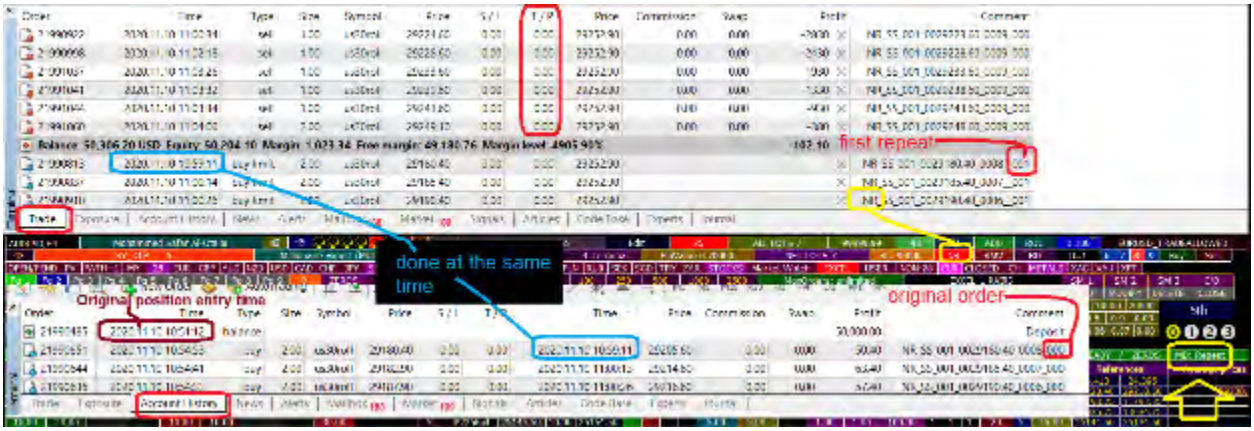
answer: close and delete all prev orders either hash orders or manual entry orders!!!!! clean terminal! then update refs, and **start new trading period**

ii) Repeat Order Comments

OrderComment of SmartExpert positions will start with TWO letters "~~NR~~#R" instead of "J_" or what else!

hence EURUSD for example may get entry at 1.1800 three times (entry-close-entry-close-entry)
assume ur TP = 10 pips
entry at 1.1800 -- then position is closed ar 1.1810
instantly after closing, SmartE will place pending order at 1.1800 gain
if price drop to it, it will be executed.
is price reach 1.1810 again, it will be closed. and will put another pending postion for 3rd time
and so on > >

SmartExpert;
look at highleted position on pict.
close and repeat at the same moment!
repetion could continue for ever if you are very luky and market fluctuate sharpaly in a horizontal channel



if the first pending repeated order is executed then after some time is closed at predefined TP, it will be repeated as a pending order again but now OrderComment will end with "002" = 2nd repetion.

always repeated order is identical to the original order in volume(Lots) and entry price.

entry price or order "price set" is shown in OrderComment

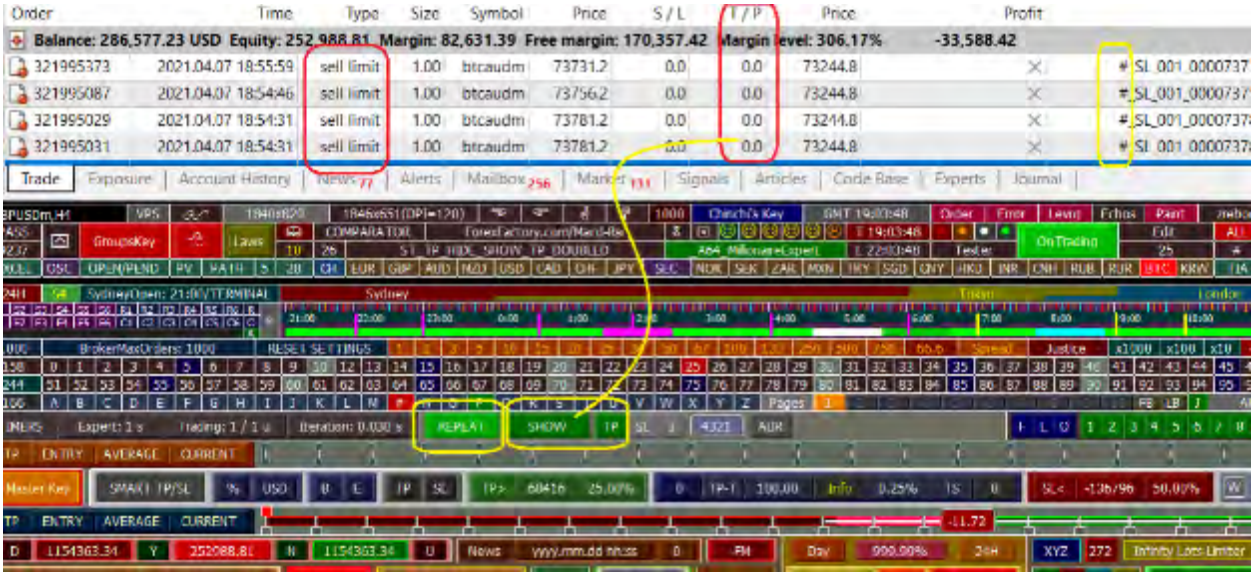
somtimes it was executed at better prices due to market slippages, but when repeated will be done at OrdrComment setPrice.

Post 7434

some friend notify me about this:

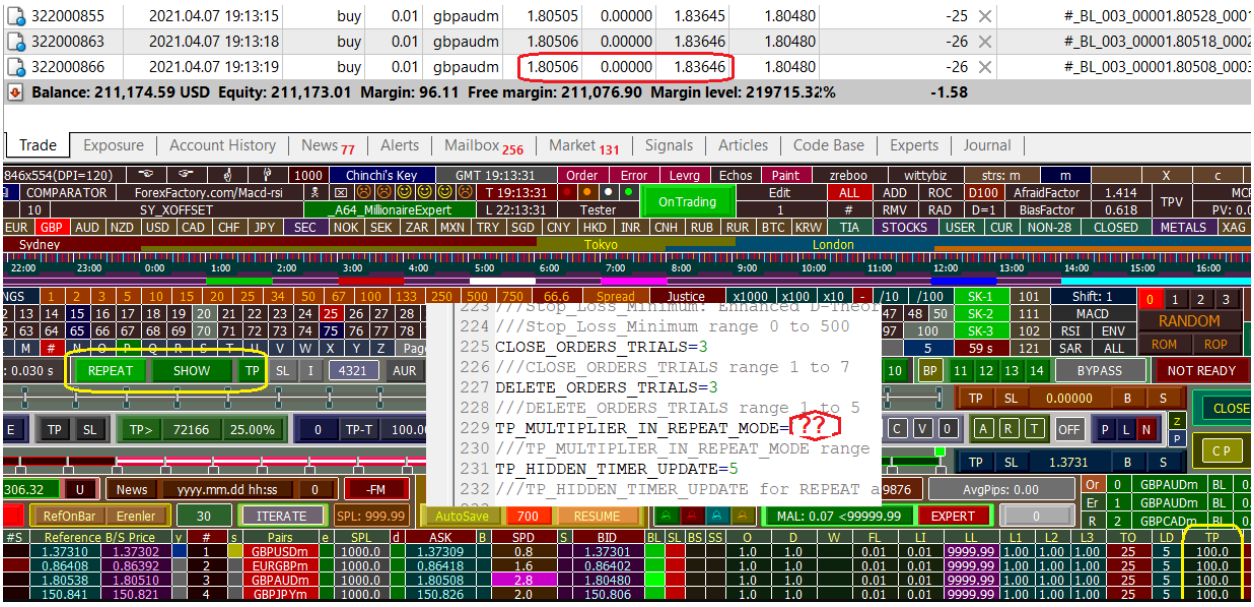
Hash # orders

repeated **PENDING** orders-TP is not shown--even if TP-SHOW are grean--**it must be shown** double or tripple of actual hidden TP as explained in detail.
iy only show for **Open**Orders---not **Pending**Orders



b) TP Multiplier in Repeat Mode

ToughQuiz: TP_MULTIPLIER_IN_REPEAT_MODE
for sacredragon-phuclocbs-erenler
what is the value i choose for *TP_MULTIPLIER_IN_REPEAT_MODE* in **defaults.csv** value, that make TP as shown below:



yes
i set it at 3.14, therefore shwn TP is 3.14 multiple of what is shown on dashboard.

3) AUR – One time order

we eliminate year, and converted month to text, "***Feb***" instead of "***2***"
I guess it is better for the user!

Now referencing automatically on chartFrame **AUR** is availabe for **ONE-TIME** mode also,

a) Scenarios

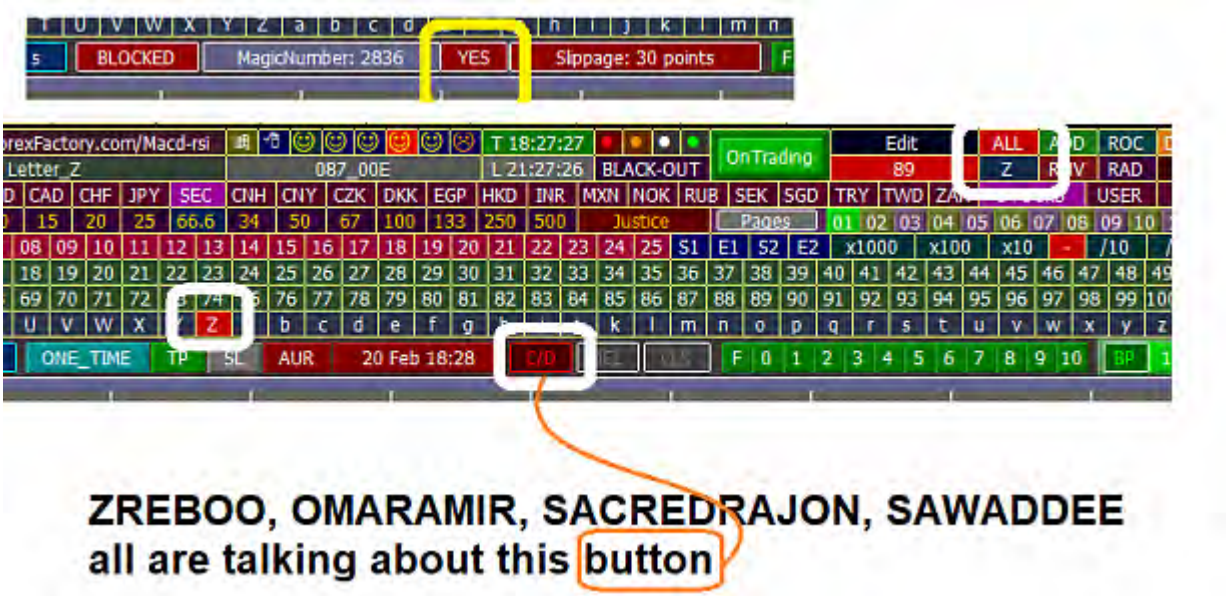
in picture index is letter "**Z**"
and OrderMagicNumber was previously set to value "**YES**"

zreboo: i want expert each new REF to close/delete only orders with index **Z** and MagicNumber **2836** and leave anything else (ignore)
----------if there are orders with letter **Z** but magic is **9817**, or orders with magic **2836** but index is **J**. EXPERT WILL NOT TOUCH THEM

omaramir: i want expert each new REF to close/delete **ALL** positions whatever the index or magic, the trade page ech start will be clean sheet.

Sawaddee: i want expert each new REF to close/delete **ONLY** orders with index **Z**, regardless of **orderMagicNumber** or any other conditions.

Sacredragon: i want expert each new REF to close/delete **ONLY** orders with MagicNumber **2836**, regardless of **index** or any other conditions.



b) Magic Number

Updated: Post 7911

Magic Number Location

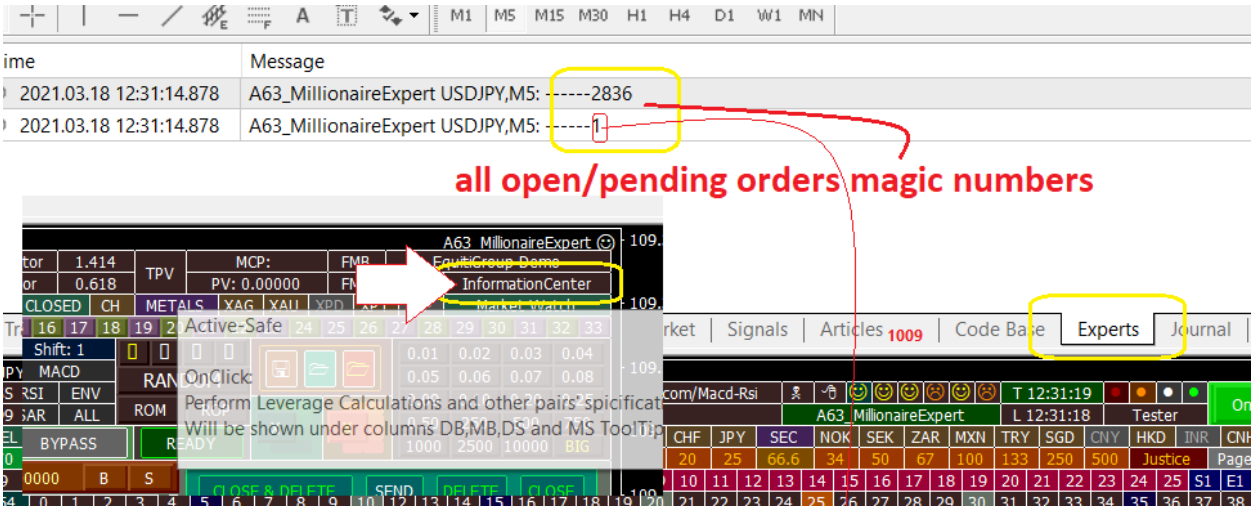
for max degree of safety for magic number we make it a little bit difficult to change MagicNumber you have to go first to "**BLOCKED**" mode to change to current **memorized** dummy

later on if you go to **ONE-TIME** or **REPEAT** , you can not change it, but it accepts only **YES**(brown) or **NO**(gray) value.

i think this is the best way to handle it. only in the **BLOCKED** we can set **MagicNumber**

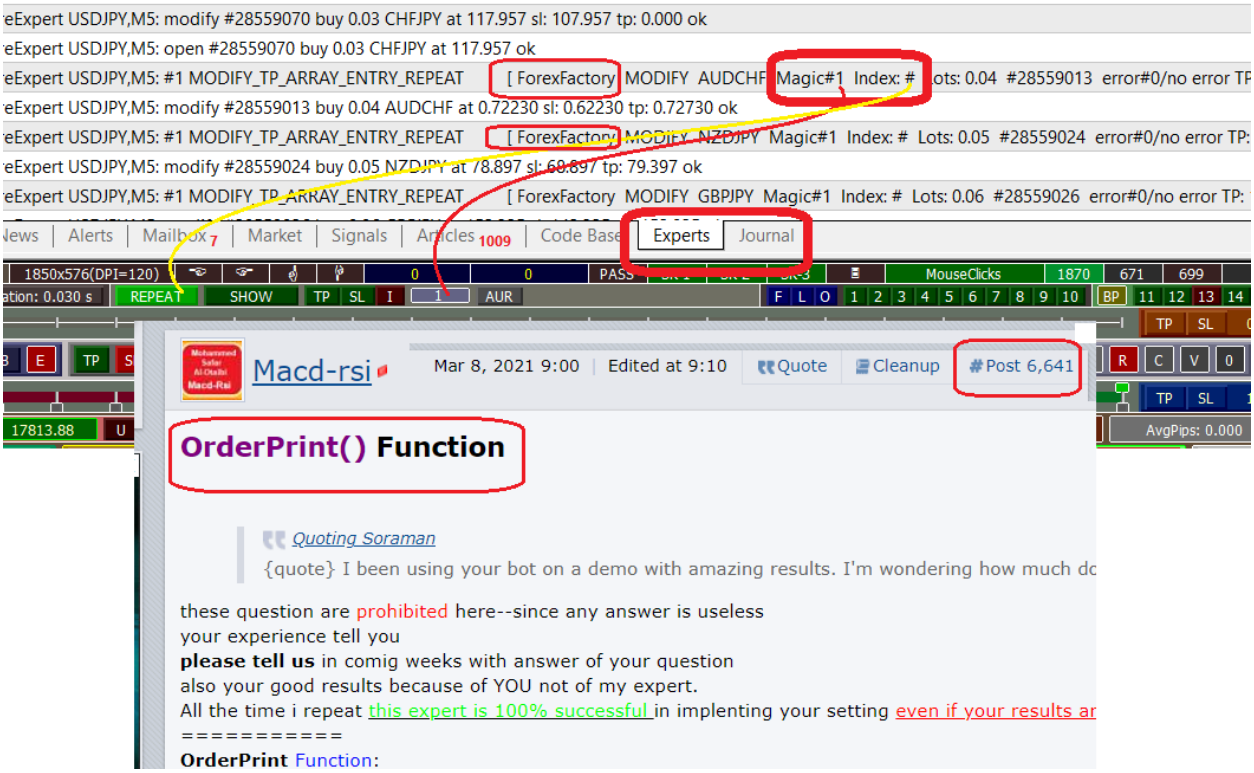
Post #6785

how to know existing MagicNumbers??
ans: click on InformationCenter Button, then check in expert log tab



c) Journal/ Expert Log

done, but based on our format
if you read **ForexFactory** in expert/journal, then the source is the **MillionareExpert**



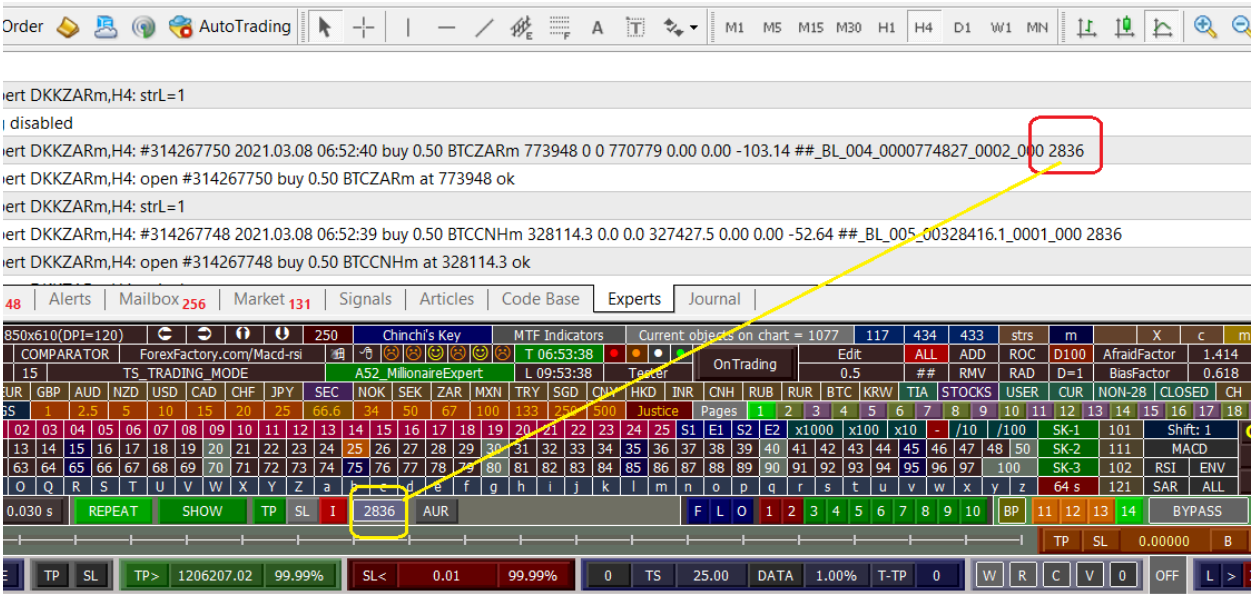
Post 6641

OrderPrint() Function

> *Quoting Soraman*
>
> {quote} I been using your bot on a demo with amazing results. I'm wondering how much do we need to safely use it on a real account?

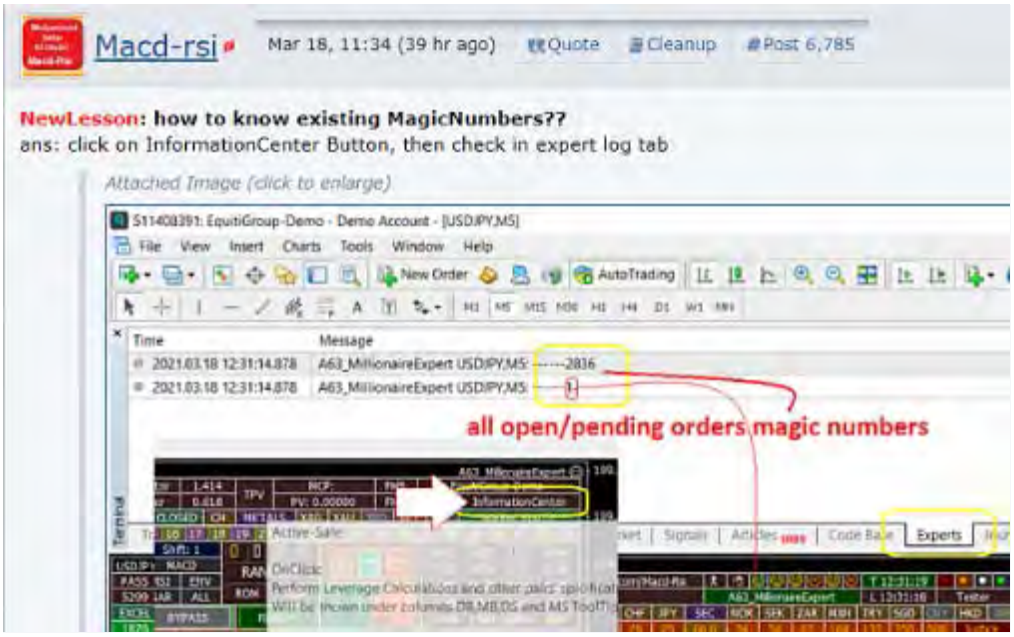
these question are prohibited here--since any answer is useless
your experience tell you
please tell us in comig weeks with answer of your question
also your good results because of YOU not of my expert.
All the time i repeat this expert is 100% successful in implenting your setting even if your results are DD of 100%
==========
OrderPrint Function:
will be added to all close/delete script to check "4 scripts compacted under one script"
1- close all
2- close indexed--for example with letter J_
3- close only specific magic
4- close only specficic index with specific magic

this function help you to **test and validate** what we say here.



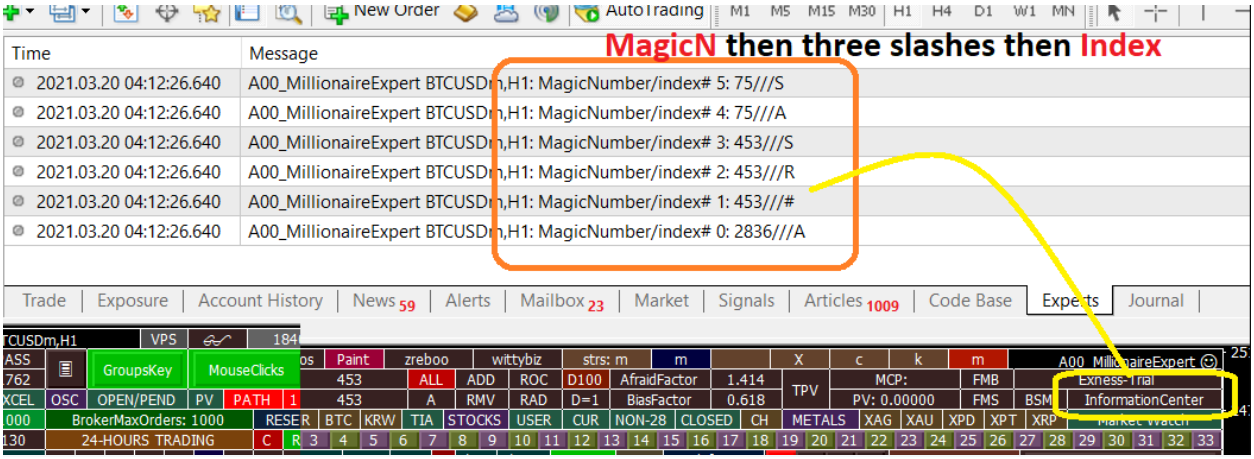
Post #6885

Now it shows in expertLog **MAGIC** with associated **INDEX**, separated by 3 slashes ///



now each **magic** is shown also with its conjunction **index**

so you can easily decide for close/delete/modify/calculate etc..



in picture we see magicNumber **75** is with orders with index **A** and **S**
#453 with **R, S, #** ---------- hash sign # for repeat mode orders
etc..
we have **six** possible conjunctions

14- Dilation in Pips Concept

15- Justice Setting

Based on Pip Calibration Theory

Pip-Claibration Theory, (pair range or velocity factor)
I invent this theory for **justice**
anybody has heard of **ADR**??
I call it stupid ADR or newbies ADR!

Average **D**aily-**R**ange ADR --- actually it is not **T**RUE

My theory states that "pair daily range is linked to great degree to price of the pairitself"
EURUSD now 1.1834?? emmmmm ?? then expected daily ADR is **118**??

>>>if we expect EURUSD ato be 118 pips?? then we expect GBPNZD to be 195 pips, possible day movement--since price is 1.95433

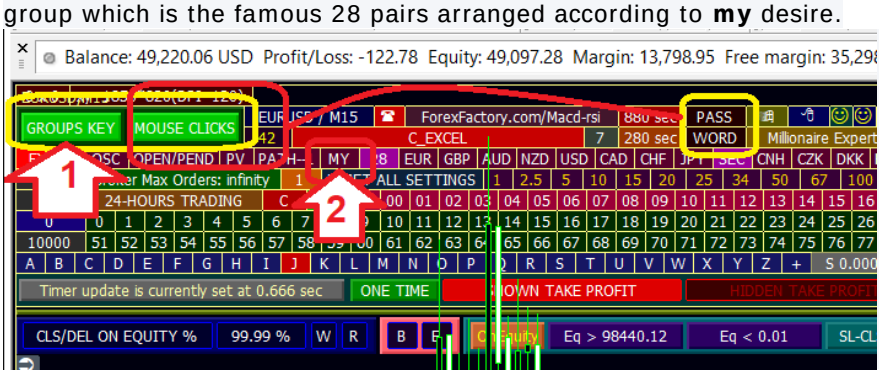
Example (Refer to #Post 663): for TP you want it to be 250

Justice Setting > 250 > TP

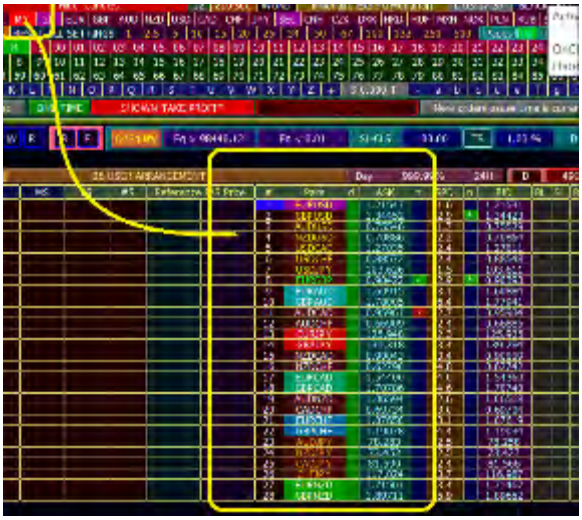
16- Group Selection

1- First Step confirm that "**GROUPS KEY**" is ON = Green
2- if not click on it one time. First be sure **MOUSE-CLICKS** also Green. if not click on **PASS** then **WORD** then **MOUSE-CLICKS**.
3- Since MOUSE-CLICKS is green you now can click on any Fire-Active buttons, like "**GROUPS KEY**"
4- If **GROUPS-KEY** is green, now you can click on any group. let us click on button "**MY**"-- This is MY-

group which is the famous 28 pairs arranged according to **my** desire.

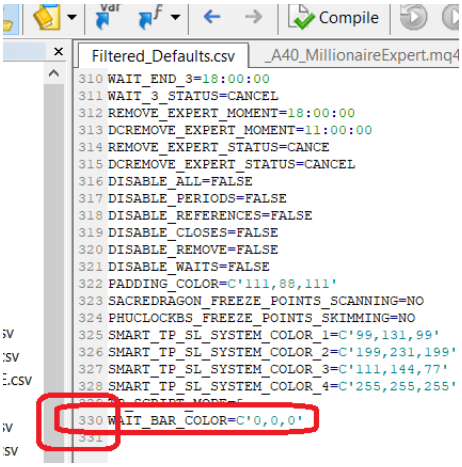


5- MY button will become RED which indicate the first click on "MY"
6- and as a consequence, the 28 pairs will appear on the dashboard with null values. except for LD column and L1 and L3 columns.



1) Default Settings

NewLesson: _Default.csv file (00-30)
we have exactly **330** parameters(external variables)



advantage: **you only set it once at your life**, in contract to other experts that require to set external variables each time you attach expert to the chart.

NewLesson: _Default.csv file (01-30)
all of these **330** must be set using recommended options under each paramtere

do not care for uppercase, lowercase

for example:
No=nO=NO=no

and YES, is YES=Yes=yES=yEs yes etc..

and Terminal = TeRMinal = terminAL

also you can write your country national entheme inside the default file. expert is smart enough to filter any irrelevent data.
This helps you to **document some lessons here inside that default file.**

if you set wrong value(not recommeneded) , the expert will correct it based on safe-side value.
*for example ALLOW_24HTRADING: accept two values **TRUE** or **faLSE***
*if you write by mistake "**SaudiArabia"**, expert will make it **FALSE**, since it is more safe than TRUE for you as a user.*
*expert will delete "**SaudiArabia**" and replace it with **FALSE***

number of external variables in this expert is 0
look at picture: no input tab.

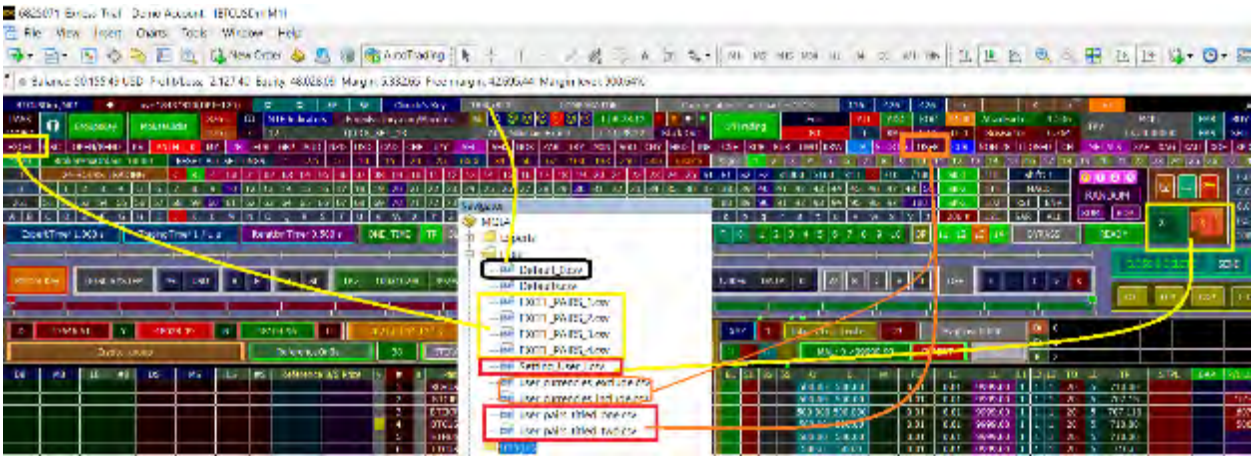
2) EXCEL settings

Updated:

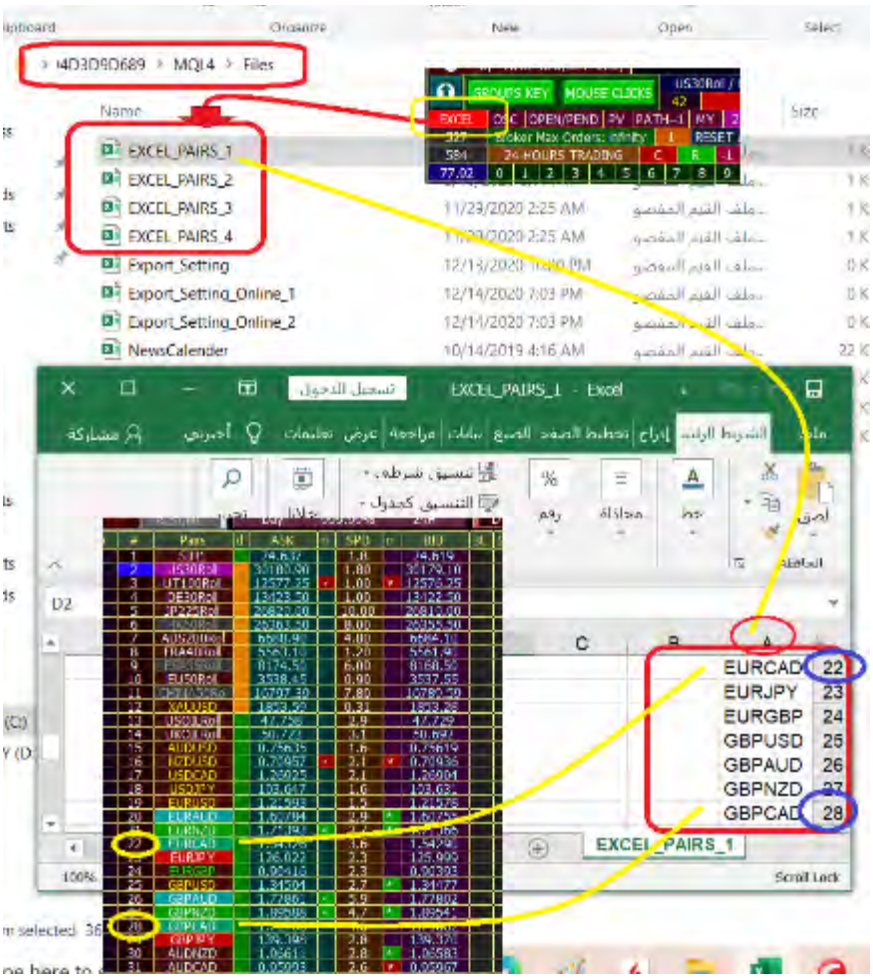
10 csv files

Only 10 csv files are the basics that will be created by the program when attached to the first time in your life to the chart.

detailed on picture.



Group Selection - **EXCEL FILES**
0- This is the best choice among all groups--you choose and arrange and repeat if you want your pairs accoding to your desire.
1- First Step confirm that "**GROUPS KEY**" is ON = Green
2- **EXCEL** has 4 groups -- you have the possibilty to make 4 excel files, each one has its own instrument upon your desire. for example one for pairs you usually trade, other for mix of metals and some pairs, rtc...you not me who decide. each click on EXCEL button you go to next file elemnts. it will be reflected on dashboard.
3- these files names must be with the floowing names:
-----complete rotation 4 clicks
----------1--EXCEL_PAIRS_1.csv
----------2--EXCEL_PAIRS_2.csv
----------3--EXCEL_PAIRS_3.csv
----------4--EXCEL_PAIRS_4.csv
format: EXCEL then underscore _ then PAIRS then underscore then 1 or 2 or 3 or 4
4- extesnion must be ***.csv** not xls
5- These files must be saved under MQL4\\FILES, and for each file just fill excel column **A** with all your instruments
6-what you see on piture is my choice. Your choice definitrly will differ.

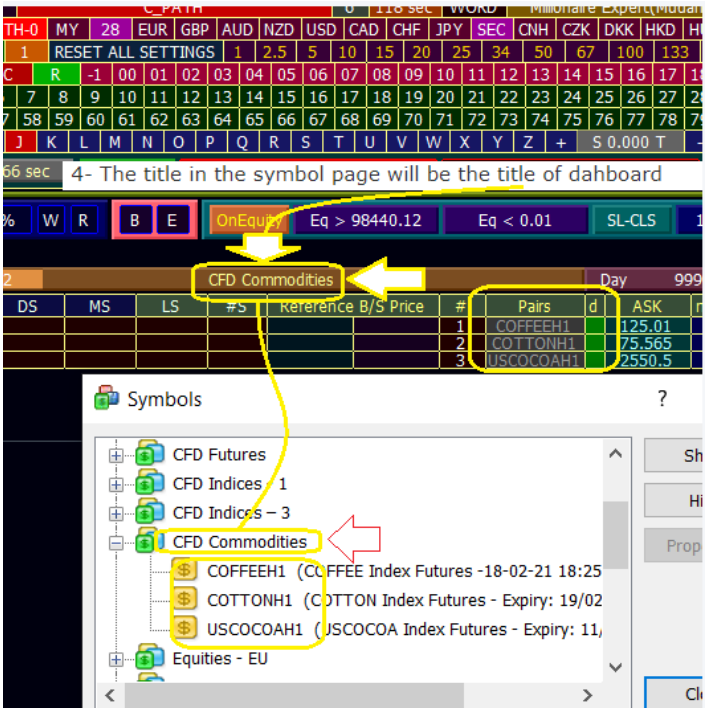


7- Look at picture, you just fill **column A** on excel-sheet, nothing more. you may do it at one time in your trading live.
8- we put it at the first place in the groups row since it is the best solution
9- you can repeat pair many times. this is one of the strongest point in expert. Reason: you want O and D for SELL poistions different from O and D for BUY positions.
10- if you write wrong instrument name like UERUSD, expert will filter it.
11- if you decide to see disabled pairs, (comming lesson) -that wrong name will appear. You can go to excel and deleted it or correct it.
12- please write pairs as they appear on their chart or on MarketWatch, for example EURUSD or EURUSDpro or EURUSD.c ...

3) PATH Settings

Group Selection - **PATH Button**
1- number of ckicks here is not unqiue number. it is depend on your broker susbtitles in Symbol window.
2- Path 0 then path 1 then path 2 etc are arranged in alphapetical order, usually CFD first since C letter comes before F letter in "FX group".

3- Instruments will be arranged on our dashboard according to their appearance in Symbol Page
4- The title in the symbol page will be the title of dahboard
5- To restart from path 0 after reaching path7, click on PV button, to left, then click on path again

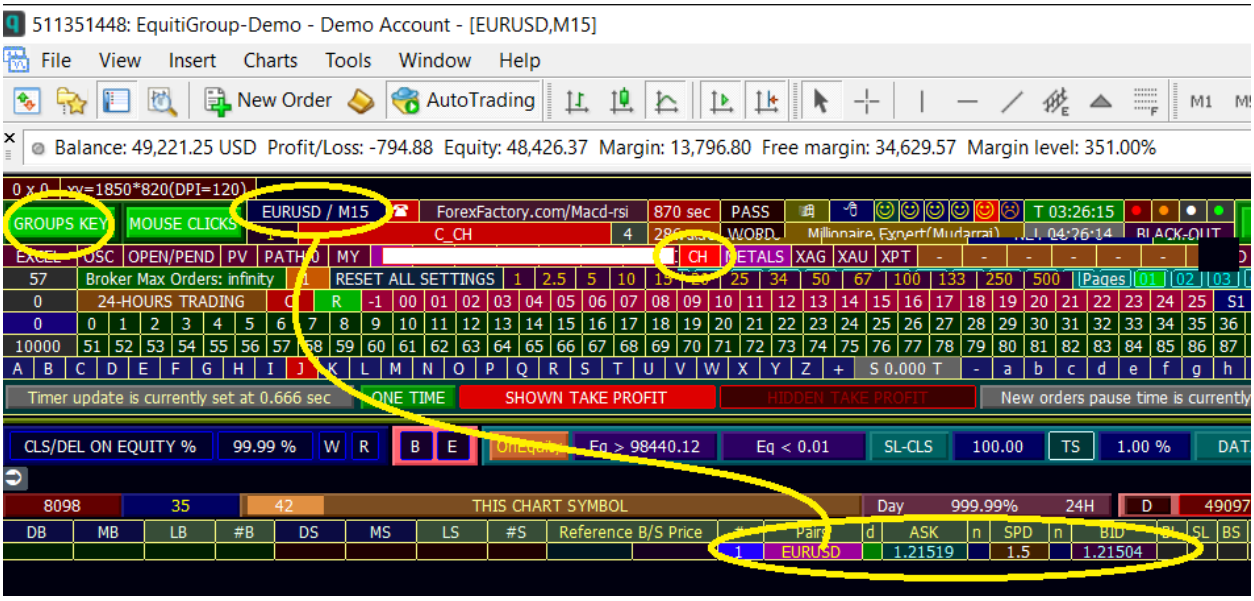


4) CHart Settings

CH Button

1- this group CH only conisist of one elemnt, the pair of the chart. EURUSD in picture.
2- it has only one click
3- for those who trades only one pair, this is the best solution:
4- it makes expert faster since there will be much less buttons!

5- CH is the first two letters of word *CHART*.



5) 8 Buttons for famous 8-currencies

1- each one accept 8 clicks for 8 different choices.

2- look at toolTip/

6) 3 Buttons: 28, SEC and CUR

1- "**28**" Famous 28 currency-pairs

2- "**SEC**" all currency pairs except famous 28 pairs

3- "**CUR**" all famous28 pairs plus all SEC curency pairs

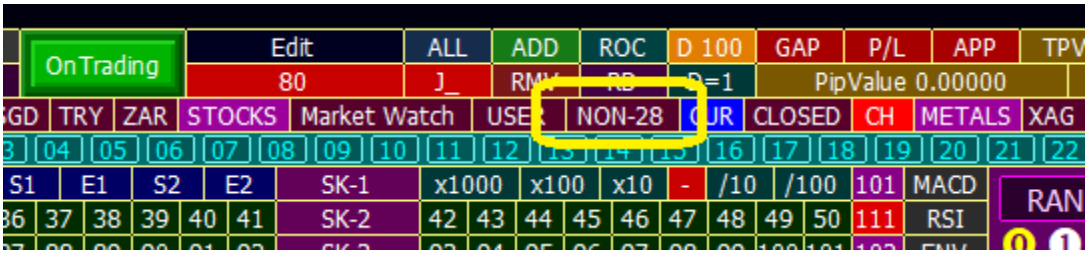
4- here indeces , dtoke and alike are excluded.

5- please explore each button. ToolTips assit

6- CUR is thefirst three letters of word CURRENCIES

7) "Non-28" Pairs

It includes every thing eithe SEC currency-pairs, indeces or stocvks etgcc except famous 28 pairs.



8) OSC Button

1- OSC = **O**pen **S**econday **C**urrencies List
2- it is save-active, therefore uou can click on it anytime, even if the expert is running. no change to setting
3- no need for GROUPS-KEY
4 its importance arise from the fact that some brokers offer a plenty of currencies that exceed 19 cusec currency.
5-click on it a new row elemnt will appear
6-to return back to the original row click on OSC gain.
7- ff your brker offer more than 53 SEC currencies, click on the FLIP button to see more hidden rows
8- if you reach to the last SEC rows, more click on flip will go to first SEC row elemnts.

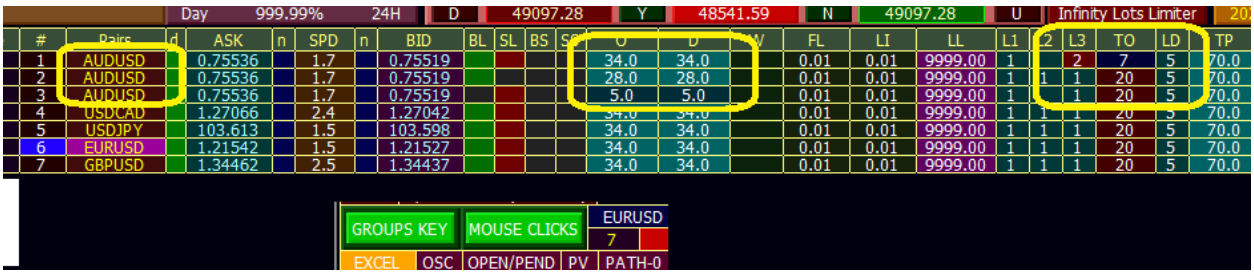
9) Non-applicable groups for MillionaireExpert

non-applicable groups for MillionareExpert
1- **PV** , **OPEN / PEND** and **CLOSSED** buttons -are very important for other experts like DisplayClick, but they are not essential here
2- **USER** button has been explained in depth 1 month ago. it is depend on extern variable which i considered it fuddy-duddy meothd! EXCEL is better
3- so ignore thier existance here

Specific Lesson on Repeated pairs

1- i think we offer here what may be considered a revolutionary solution:
look at pcicure: AUDUSD is repeated 3 times- so possibilty of different setting for both BUY and SELL

2- the possibility of "repeated pair" as many times as you want. for example you can repeat EURUSD 5 times. this help you to distiguish Sell setting from Buy setting or QuickSetting for first 100 pips and different buy setting after 100 pips.



10) USER Button

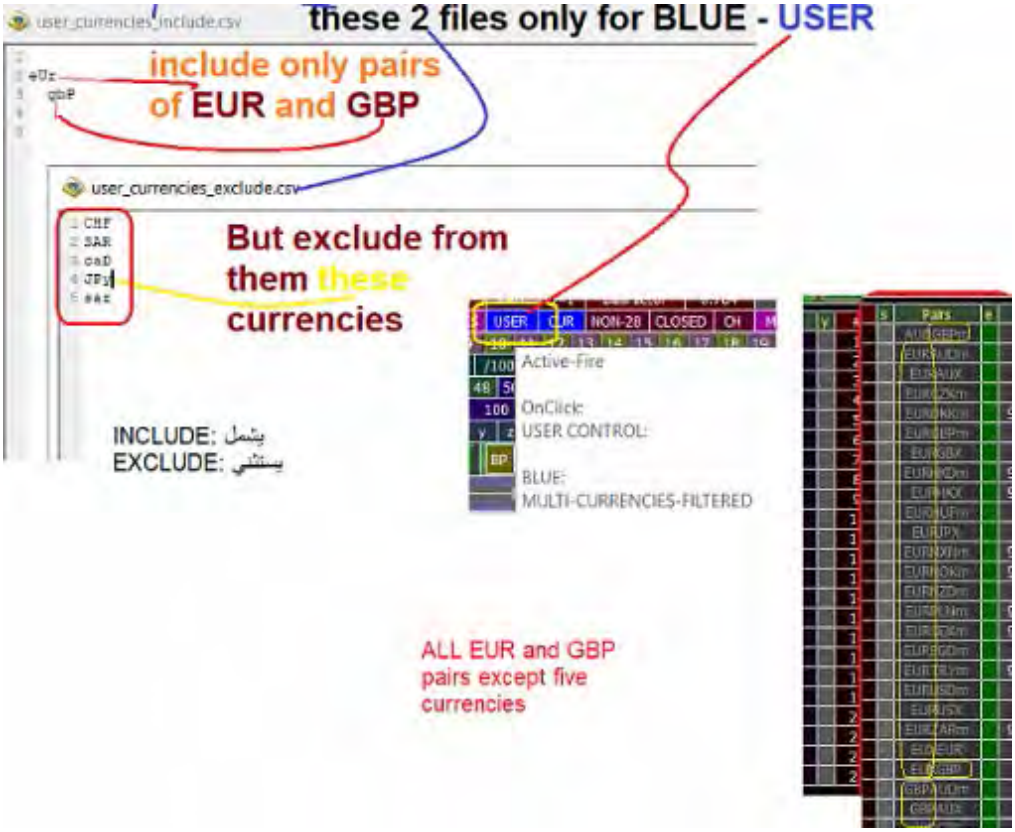
Update:

Post 5384

USER-BLUE button
two csv files only for these buttons

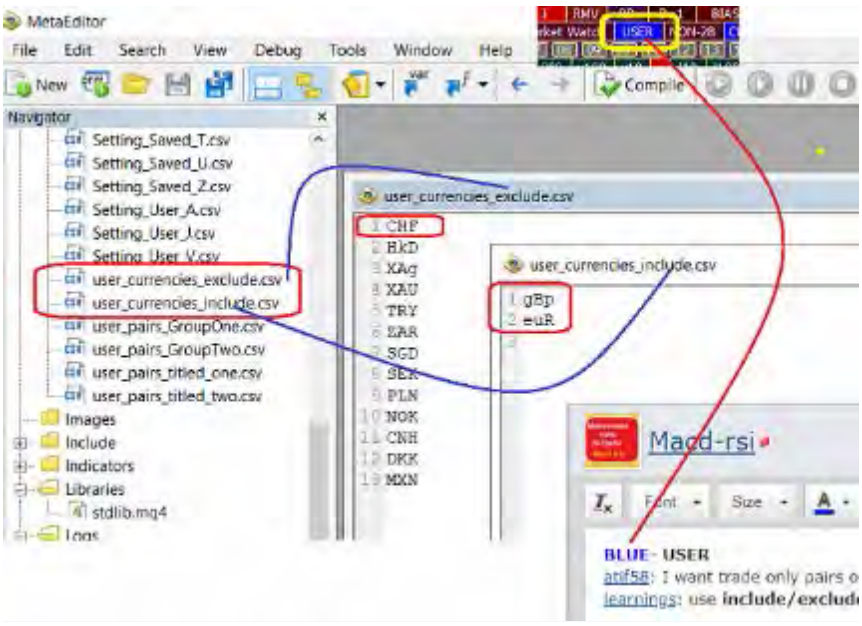
assume you want to trade only EUR and GBP pairs, and want to exclude CHF pairs (remove EURCHF, GBPCHF)

Include in include_file
and
exclude in exclude_file



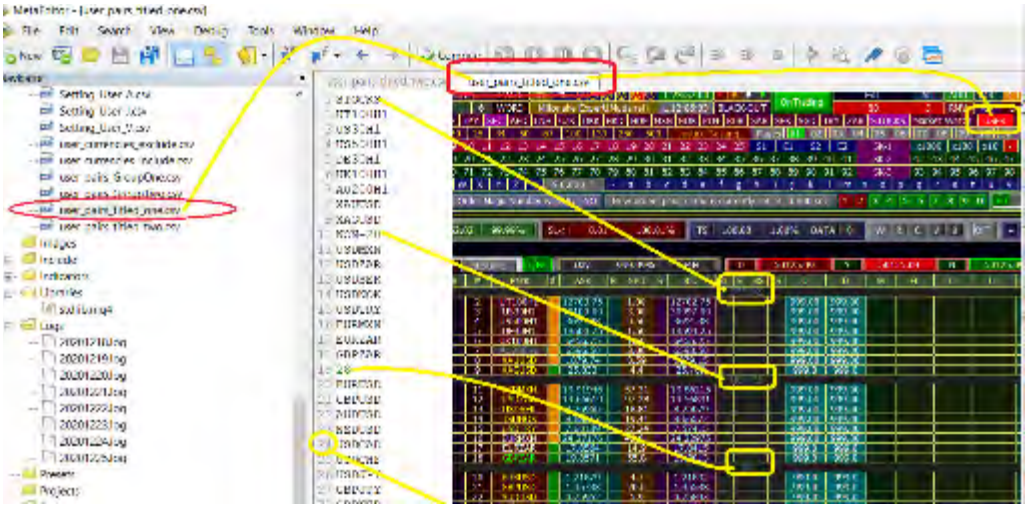
BLUE- USER for csv titled files:
user_currencies_exclude.csv
user_currencies_include.csv

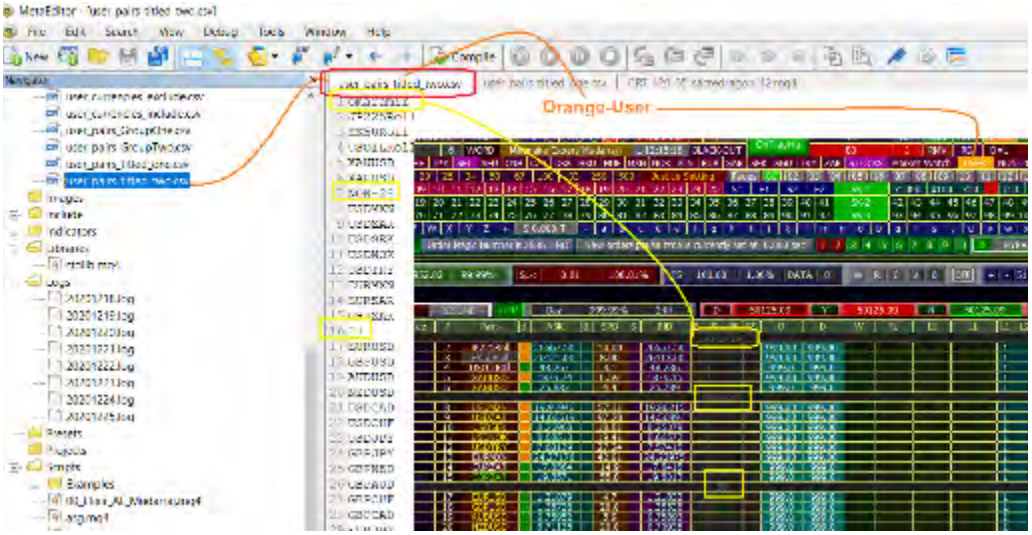
use **include / exclude** csv files.



Red USER for csv titled files: *user_pairs_titled_one.csv --- last post*

Orange USER for csv titled files: *user_pairs_titled_two.csv*





17- Equity-Alert Music System

Echo-Sytem (Skat's music alert fof Lower/Upper user-equity thresholds) - 7 buttons

main concept: to alert trader if equity drop to lower-level-detrmined-by-trader or upper-level assume your eq now is 1000 USD, and you want to be notifed if equity pass 1200 USD or drop under 800 USD. This incorporated-expert help.

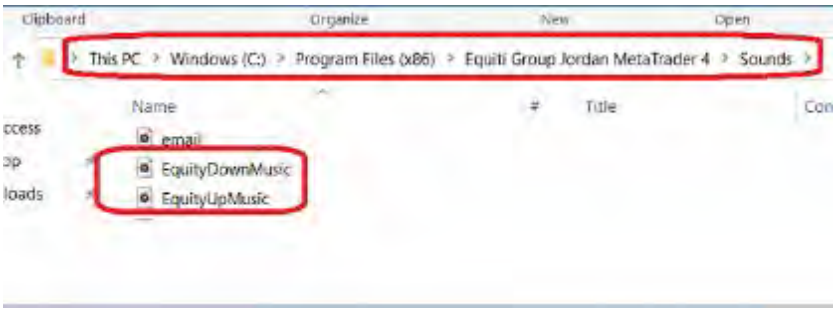
0- Be sure first that your PC speaker is **ON**
1- **Button #1** : is your account current equity.
----1-1: it is active-save button
----1-2: when you click on it will activate both D or U or deactivate them at the same time .
2- **button #2** to set lower equity level.
----2-1: use CWC or edit-CWC to set value
----2-2: if you choose equity greater than current equity, expert will set it at current equity.
----2-3: range for accpeted values is shown in ToolTip. b/w 0 and current equity
3- **button #3** to set upper equity level.
----3-1: use CWC or edit-CWC to set value
----3-2: if you choose equity less than current equity, expert will set it at current equity.
----3-3: range for accpeted values is shown in ToolTip. from current equity until 10 doubles of current equity.
4- **button #4:** "Y" button
----4-1: this is allow equity to incement up or down by 0.1% if current equity hit either level, upper or lower
----4-2: Green is activated "ON-status"

----4-3: it cancels button "N" and vice versa
----4-4: you will hear musicUpper of Lower only one time, then increment to new level and wait.
----4-5: the new level values will be shown under button #2 and #3
----4-6: you can consider it a measure for your lowest and highst equity during operating system
5- **button #5:** "N" button
----5-1: when equity reach upper or lower level you will hear repeated music for ever until user intervention or equity be below levels.
----5-2: the music for upper level is different from lower-level music
----5-3: it cancels button "Y" and vice versa
----5-4: if you design your own music, the file name must be:
--------5-4-1: for lower music "EquityDownMusic.wav"
--------5-4-2: for upper music "EquityUpMusic.wav" -- downlowd zipped-file in attachemnt
--------5-4-3: this files must be saved under C:\\ .... yourBrokerFile\\Sounds---look at this picture:
----5-4: N = "No" = No equity increment here.

Attached File

UpperLowerEquitySounds.rar 438 KB | 1 download

6- **Button #6** -to tune ON or OFF music for **lower** side
----6-1: RED: music ON
----6-2: NON-RED: music OFF
----6-3: D = Down
7- **Button #7** -to tune ON or OFF music for **upper** side
----7-1: RED: music ON
----7-2: NON-RED: music OFF
----7-3: U = Up



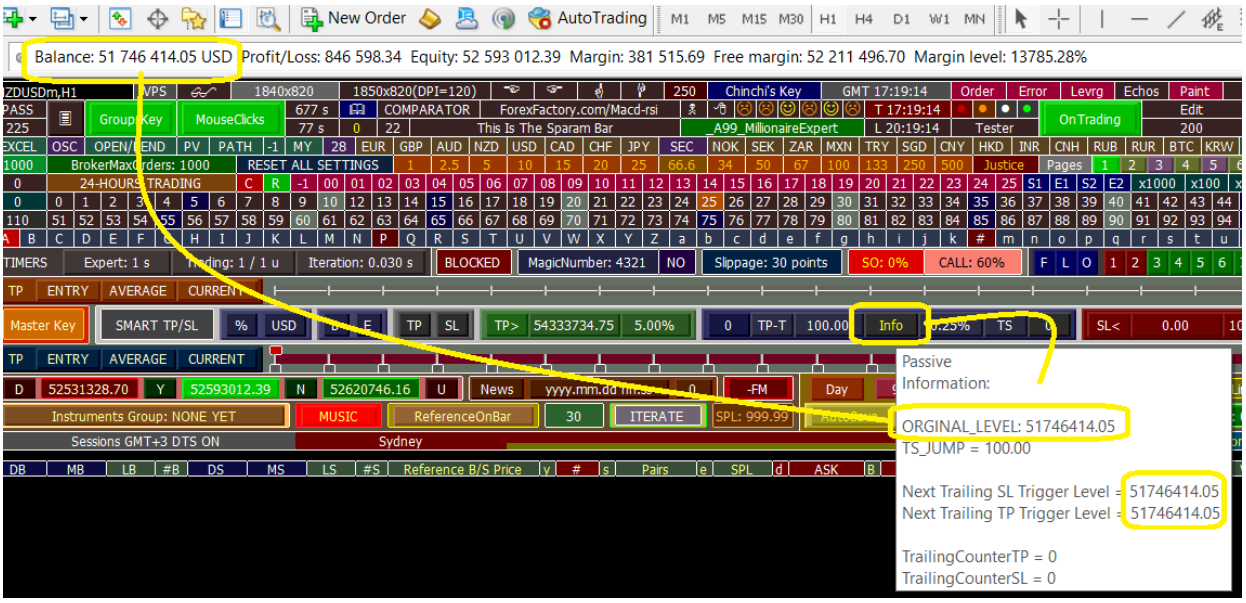
18- Instruments Daily Range

19- Smart TP/SL System

Updated: Post #7012 Revision

Revises-Simplified-Lesson: Smart TP/SL System (01) broken step-by-step

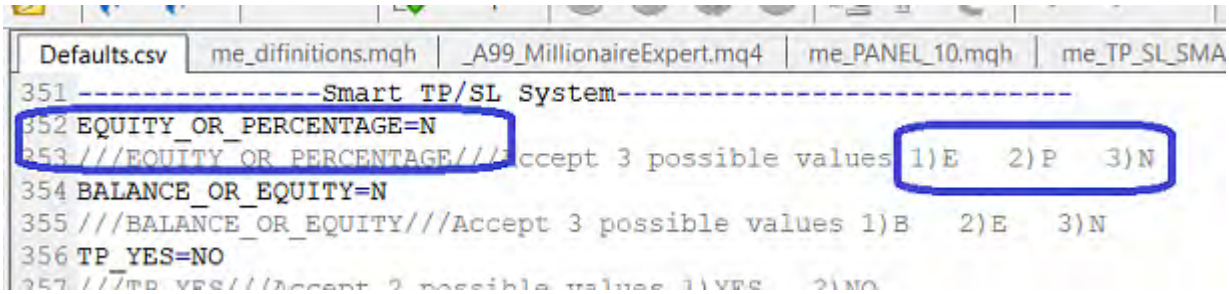
Original Level: when you attach expert to the chart for the first time, current balance will be the original level.
used to calibrate for TP or SL trailing
check the value under information button tooltip
with any change you make for Smart Sytem, check info button



Revised-Simplified-Lesson: Smart TP/SL System (02) broken step-by-step: % button && USD button

% button && **USD** button (E-P-N values)
USD button will be EUR button if your account currency is EUR not USD
%: mean you decide TP/SL based on percentage %
USD: mean you decide TP/SL based on amount
if you click on any one of them it will be **ON** or **OFF**, and will make other button OFF
no change will occur for ORIGNLA_LEVEL--
try to close any position to change account balance, then click on % or USD---then check *info* button--you will find old original value when you attach the expert to the chart.

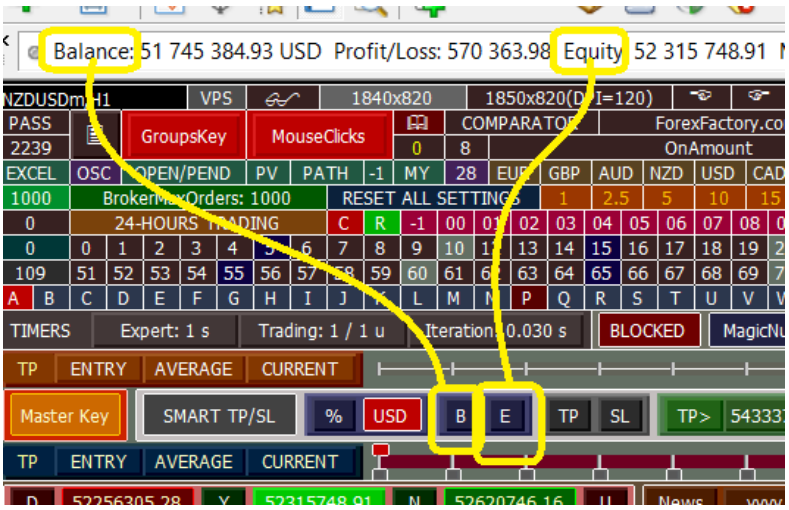
from default file, you can make it from the start USD or %
meaning: when you attach expert to the chart you will see USD or % **RED**, without need to click on them,
if you make **EQUITY_OR_PERCENTAGE** equal to **N**---- **both** buttons will be **OFF**
if you make **EQUITY_OR_PERCENTAGE** equal to **E**---- **USD** button will be **ON**
if you make **EQUITY_OR_PERCENTAGE** equal to **P**---- **%** button will be **ON**



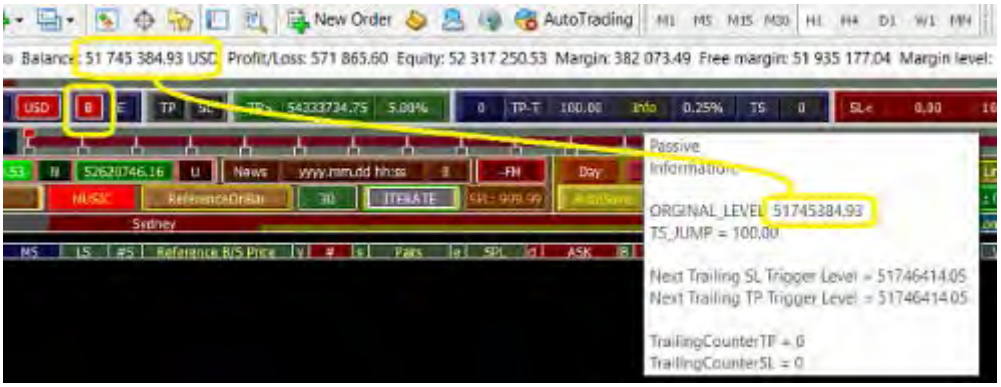
Therefore
defaults.csv
or
Click method set/reset these two buttons

Revised-Simplified-Lesson: Smart TP/SL System (03) BALANCE_OR_EQUITY buttons

B button && **E** button (B-E-N values)
B denotes Balance
E denotes Equity

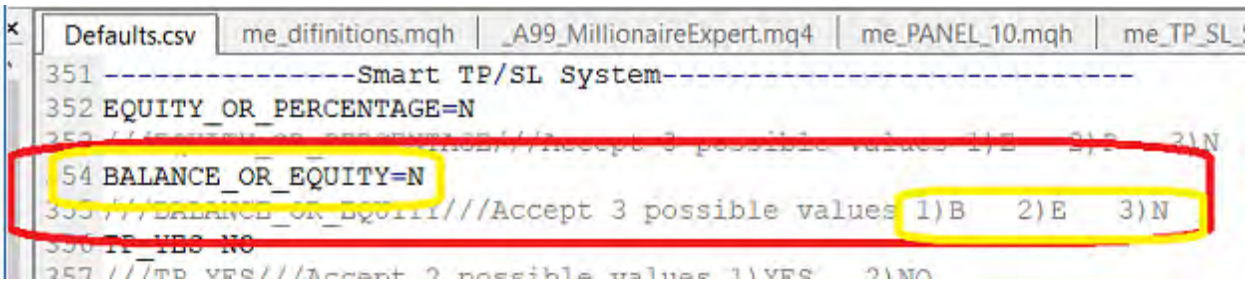


if you click on any one of them it will be **ON** or **OFF**, <u>and will make other button OFF</u>
at this moment ORIGNLA_LEVEL value will be reset to current balance or equity value. **at the moment of click.**
original level will be current **e**quity if you click on **E**
if you click on **B** it will be current **B**alance



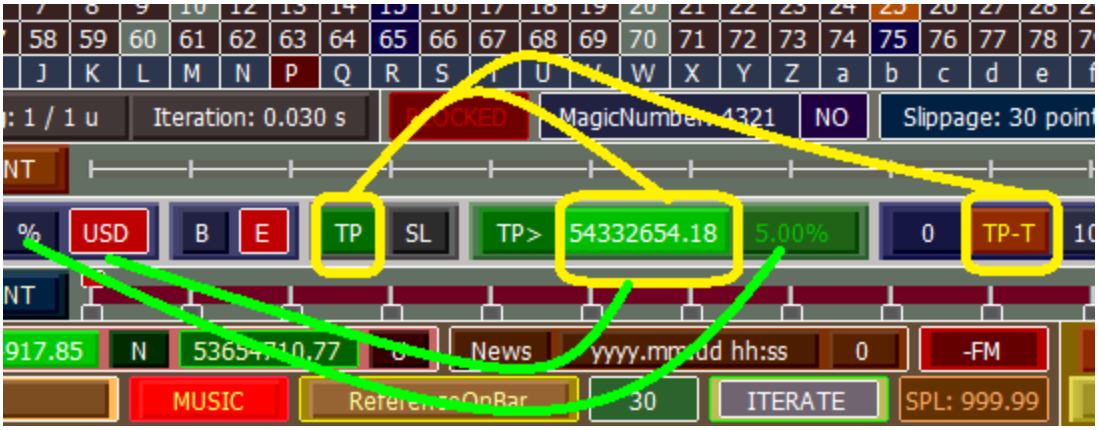
try to close any position to change account balance, then click on B or E ---then check *info* button--you will find a new original level value

from default file, you can make it from the start **B** or **E**
meaning: when you attach expert to the chart you will see B or E **RED**, without need to click on them,
if you make **BALANCE_OR_EQUITY** equal to **N**---- **both** buttons will be **OFF**
if you make **BALANCE_OR_EQUITY** equal to **B** ---- **B** button will be **ON**
if you make **BALANCE_OR_EQUITY** equal to **E** ---- **E** button will be **ON**
Attached Image (click to enlarge)

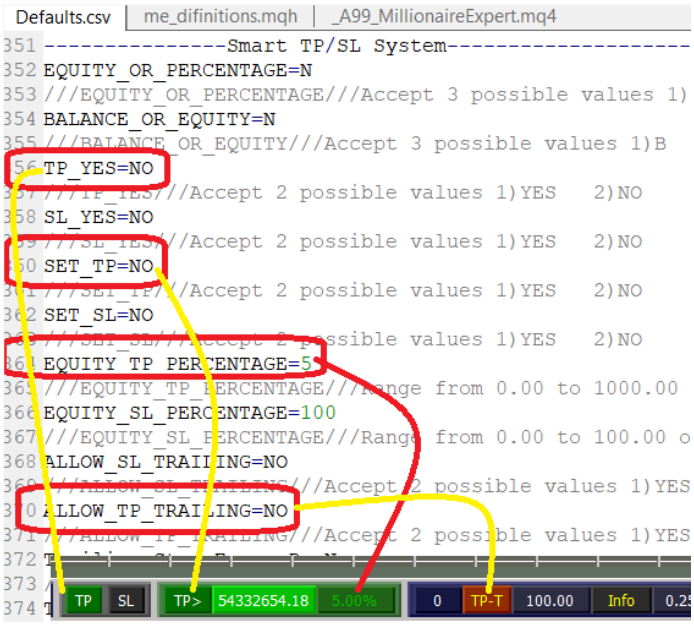


Therefore also :
defaults.csv
or
Click method set/reset these two buttons

Revised-Simplified-Lesson: Smart TP/SL System (04) TP button
if you activate it, other related buttons will be shine:
1- amount/% buttons
2- T-TP button



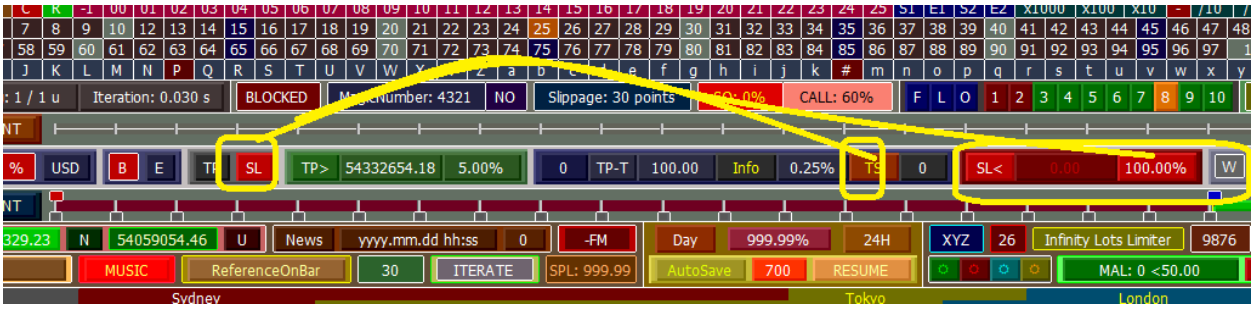
also you can set both using default files:



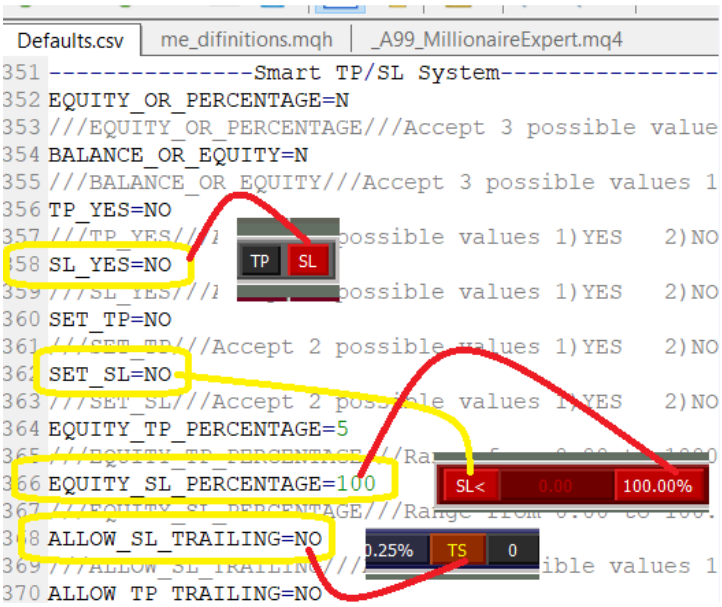
all the following 3 related to TP accept 2 values, either **YES** or **NO**
TP_YES
SET_TP
ALLOW_TP_TRAILING

plus TP percentage
EQUITY_TP_PERCENTAGE=5
here no TP amount since our account with different balances, therefore it will be calculated automatically based on % when you attach expert to the chart.

Revises-Simplified-Lesson: Smart TP/SL System (05) SL button
if you activate it, other related buttons will be shine:
1- amount/% buttons
2- TS button



also you can set both using default files:



all the following 3 related to SL accept 2 values, either **YES** or **NO**
SL_YES
SET_SL
ALLOW_SL_TRAILING

plus SL percentage
EQUITY_SL_PERCENTAGE=5
here no SL amount since our account with different balances, therefore it will be calculated automatically based on % when you attach expert to the chart.

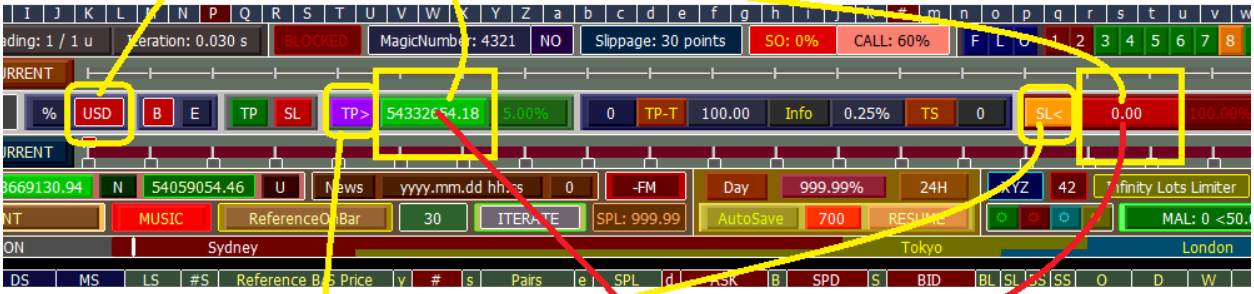
Revises-Simplified-Lesson: Smart TP/SL System (06) Setting TP and SL % or amount

if you already choose **USD** button, then **amountTP** and **amoundSL** buttons will shine

-to change TP amount, click on **"TP>"** , it will flash, then click on **amountTP** button, your dummy will be accepted as TP level

-to change SL amount, click on **"SL<"** , it will flash, then click on **amountSL** button, your dummy will be accepted as SL level

if you already choose **USD** button, then **amountTP** and **amoundSL** buttons will shine



to change TP amount, click on **"TP>"** it will flash, then click on **amountTP** button, your dummy will be accepted as TP level

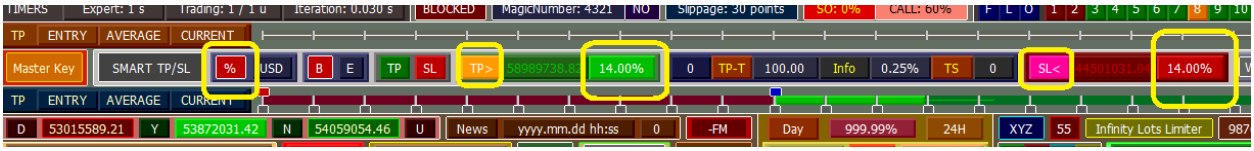
to change SL amount, click on **"SL<"** , it will flash, then click on **amountSL** button, your dummy will be accepted as SL level

Revises-Simplified-Lesson: Smart TP/SL System (07) Setting TP and SL % or amount

but if you already choose **%** button, then **%TP** and **%SL** buttons will shine

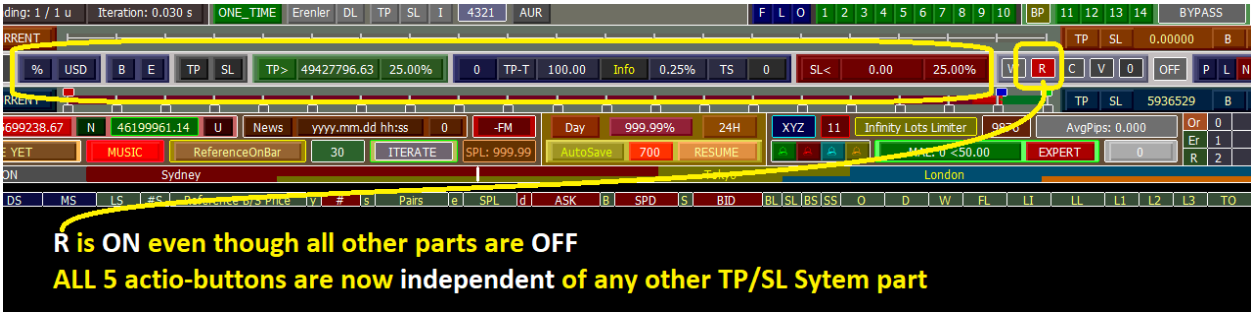
-to change TP %, click on **"TP>"** , it will flash, then click on **%TP** button, your dummy will be accepted as TP %

-to change SL %, click on **"SL<"** , it will flash, then click on **%SL** button, your dummy will be accepted as SL %



Revised-Simplified-Lesson: Smart TP/SL System (08) 5 Action-Buttons
now they are independent, you can click on them any time, if SKs only are Green
also if you activate System, and all 5 buttons are OFF, they will flash, indicating that you forget to activate any one of them

do not forget since old versions, f nothing is activated, C button is the hidden default OFF=C button !! even if C button is GRAY.
But in **old** version the whole system can not be ON if no-action-button is activated. Therefore you do not feel that C=OFF
flashing of all 5b will alert you



Revises-Simplified-Lesson: Smart TP/SL System (09) Firing-button

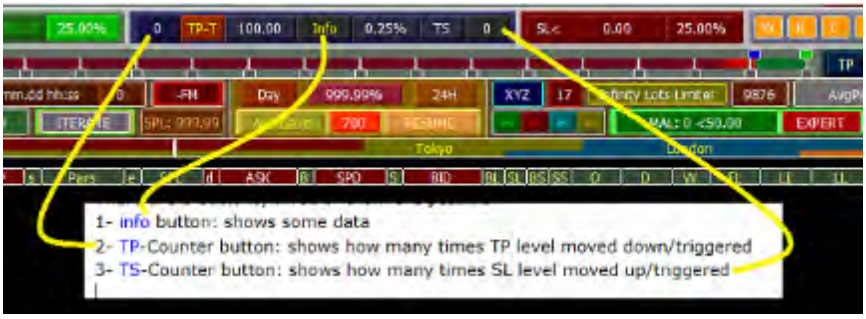
to activate the whole SMART TP/SL System, it is enough to activate either TP or SL buttons, if there is no change for values, and no trailing system

below is minimum enough steps to make the system ON instead of OFF

Revises-Simplified-Lesson: Smart TP/SL System (10)Trailing buttons

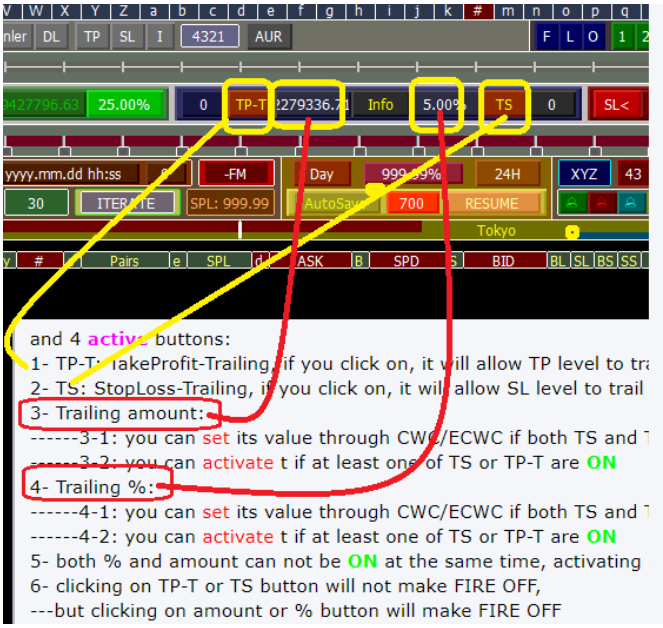
There are 7 buttons, three of them are **passive**:

passive buttons are:
1- info button: shows some data
2- TP-Counter button: shows how many times TP level moved down/triggered
3- TS-Counter button: shows how many times SL level moved up/triggered



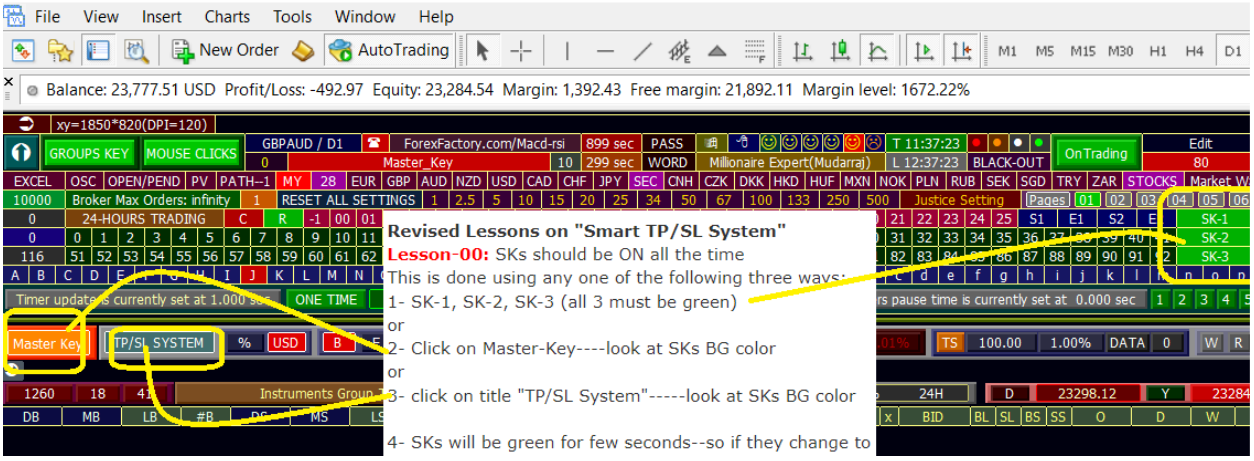
and 4 **active** buttons:
1- TP-T: TakeProfit-Trailing, if you click on, it will allow TP level to trail down.
2- TS: StopLoss-Trailing, if you click on, it will allow SL level to trail up.
3- Trailing amount:
------3-1: you can set its value through CWC/ECWC if both TS and TP-T are **OFF**
------3-2: you can activate t if at least one of TS or TP-T are **ON**
4- Trailing %:
------4-1: you can set its value through CWC/ECWC if both TS and TP-T are **OFF**

------4-2: you can activate t if at least one of TS or TP-T are ON
5- both % and amount can not be ON at the same time, activating one cancel the other one.
6- clicking on TP-T or TS button will not make FIRE OFF,
---but clicking on amount or % button will make FIRE OFF



Older ver:

SKs should be ON for all steps
This is done using any one of the following three ways:
1- SK-1, SK-2, SK-3 (all 3 must be green)
or
2- Click on Master-Key----look at SKs BG color
or
3- click on title "TP/SL System"-----look at SKs BG color



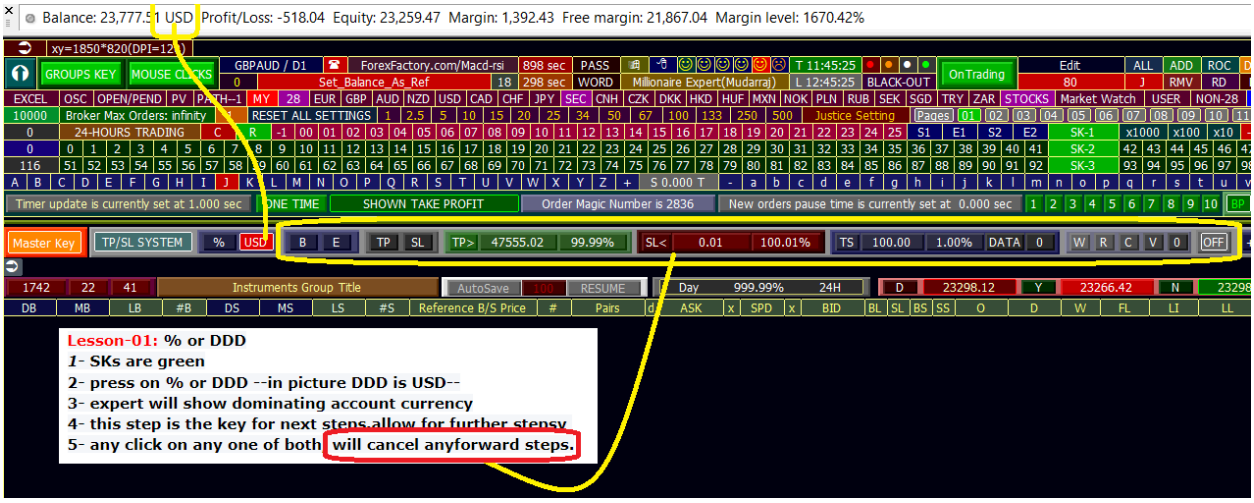
4- SKs will be green for few seconds--so if they change to OFF state before you finish setting, just do any one of above 3 steps to gain more seconds. Remember: Any backward step will cazncel any forward step

Post #5304

very simple steps and already explained.
0- click on **USD**---becomes RED
1- Click on **B** or **E**
2- Click on **TP**, becomes RED
3- Clicks on **TP>** it will flash--so you can change equity level
let us say you already 3 minutes ago memorized dummy at **10,123** USD (your equity target)
4- if **TP> Orange** is flashing, click on amount button beside it, the value **10,123** will be saved here.
5- click on **0**---the saviest action button
6- click on **OFF**---it will flash ON GREEN/RED ==== TP/SL SYSTEM now is in service
2- Click on **TP**, becomes RED

1) % or DDD (Denominating or Account Base Currency)

1- SKs are green
2- press on % or DDD --in picture DDD is USD--
3- expert will show dominating account currency
4- this step is the key for next steps.allow for further stepsy
5- any click on any one of both, will cancel anyforward steps.

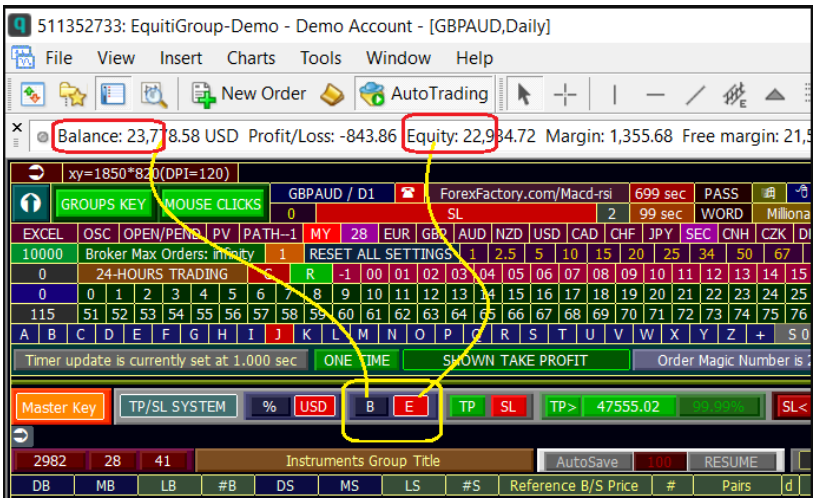


6- RED BGColor indicates your selection

2) Lesson-02: TP and SL bases on Balance B or on Equity E ??

1- I used word "*or*" instead of "*and*" in the above title line
2- they are not concurrent, only both be OFF or one of them is On. activation of one cancel others. Reason: Common sense.
3- they are the key for the next steps
4-if you click on any previos steps buttons, immeduatly deactivae these two buttons
5- any click on them deactivate any forward butoons.

6- always ON or OFF can not be done if SKs are not green.
7- click many times on B--notice what is happening, ON-OFF-ON-OFF-ON- .... but **E** always OFF
8- RED indicates ON

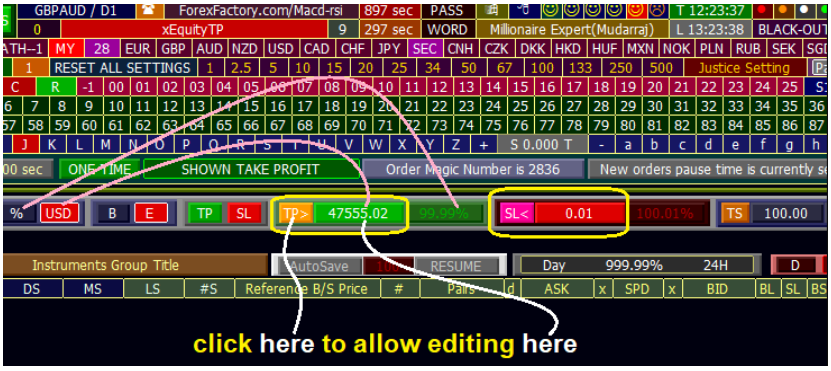


3) TP and SL

1- I used word "*and*" instead of "*or*" in the above title line
2- you can activate them both or one of them at the same time. Reason: Common sense.
3- they are the key for the next step
4-if you click on any previos steps buttons, immeduatly deactivae these two buttons
5- any click on them deactivate any forward butoons.
6- always ON or OFF can not be done if SKs are not green.
7- click many times on TP--notice what is happening, ON-OFF-ON-OFF-ON- ....
8- RED indicates ON
9- TP ON leads to TP> bar with different color
10- SL ON leads to SL> with different color

4) Editing TP and SL values

1- you already have memorized dummy value.
2- rules here are very strict, not any onecan ewasiliy change your setting.
3- you must click on TP> or SL> to be able later to set values, either (% or DDD---Any one is shining)--flasing = allow to change value
4-when you set %, the correspodning DDD value will be calulated accordingly, and vice versa. example, you choose B, TP, value of 10%, -- coorespoding values is 11,000--you know in advance expert will close all positions if your equity reach 11,000
5- immediatly flash will disppaear if you change value of shining field.
6- in any step either forward or backward, flashing will be OFF.



7- onpicture you can not click on % field what ever times you try.

5) Trailing Stop TS System

1- idle status, everything is Gray. Expert *TP/SL System* will work without using TS.
2- but if it is Orange, also expert TP/SL will work without TS. Orange you can only set TS values either DDD or %
3- if you click on TS button, it is color be RED. Also here TP/SL will work without TS.
4- But if TS is RED, and you click on value DDD or %, and its BGColor becomes GREEN, now TS System is in service.
5- any click on TS buttons will cancel any forward steps.
6- main TS data will be shown in DATA tooltips passive button.
7-counter Button will count how many times TS is tiggered.

8- in picture, even we edit 35%, but we may choose the corresponding value 8005.95 USD--
9- WHEN YOU SET %,DD will be calculated
10-but when you set DDD, then % will be calculated.

a) TS Counter

each time TS is triggered (SL jump by 250) -- the **TS counter** will increment by **1**

b) Trailing Stop Example

#Post 3122

exactly like traditional trailing step--**movements in quantum**
assume your balance = equity = 10,000 USD
you enter EURUSD 5 Lots, after setting TP/SL System including TS

You make StopLoss at 8,000 USD
and TakeProfit at 15,000

and you choose TS=250 USD

focus on **SL -- I MAKE IT RED**
Now:
SL=8000
TP=15000
TS=250

SL will move up in quantum(not with every 1 cent profit, but when profit reach 250 UD and its multiples)
TP is constant all the time
when your equity reach 10000+TS = **10250**, --- **SL** will be 8250 instead of 8000
then no change in SL until another jump of 250 USD

when your equity reach 10250+TS = **10500**, --- **SL** will be 8500 instead of 8250 ---- but TP is still 15000
trailed by 250

later on when your equity reach 10500+TS = **10750**, --- **SL** will be 8750 instead of 8500 ---- but TP is still 15000

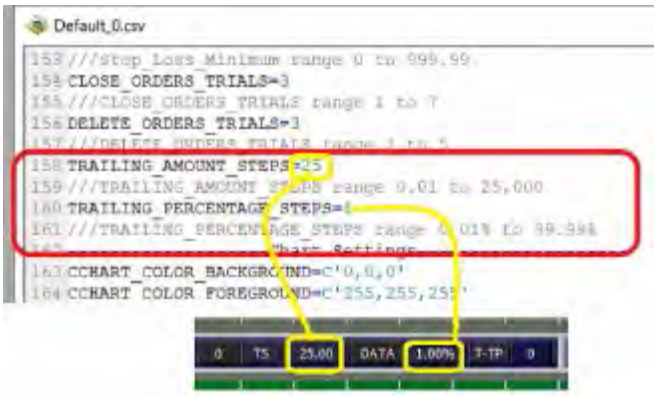
later on when your equity reach 10750+TS = **11000**, --- **SL** will be 9000 instead of 8750 ---- but TP is still 15000

later on when your equity reach 11000+TS = **11250**, --- **SL** will be 9250 instead of 9000 ---- but TP is still 15000

later on prices goes against you, untill equity drops to 92**49.99** --- all your positions will be closed with a loss of 750 USD (UR ORiGINAL BALANCE IS 10,000)

c) TS Values

TS values:
1- default as shown on the picture.
2- or through CWC or ECWC
---2-1: TS button must be RED
---2-2: SKs are GREEN



6) Trailing TP System

Update: Post #6843

some smartening up ARRANGEMENT

TRAILING-TP is independent of TRAILING STOPLOSS TS

Also SL is now independent of TP for both ONE-TIME or REPEAT mode

Older Version:

TEST on trailing TP

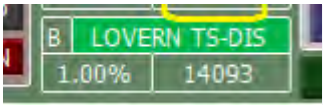
assume inital balance is 50,000,
you set TP at 60,000 with negative trailing -1,000 USD

if equity drops from 50,000 to 48,000, then TP level **drop from 60,000 to 58,000** (more reasonable) and so on

if market goes against you, you react accordingly--make things more logical.
may it is a new concept! i really do not know. there are more than 7,000,000,000 popolution on our planet. (i do not count some of my non-friends in this population

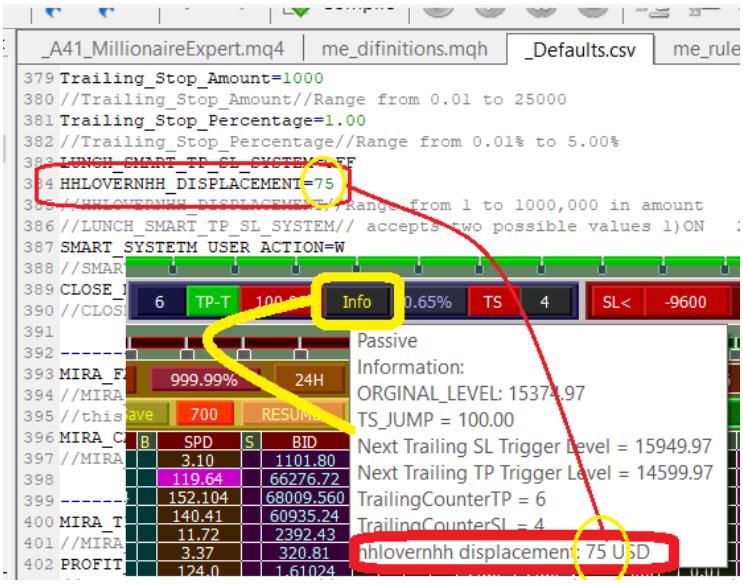
7) Hhlovernhh displacement

Think of it as the first amount required to trigger the first Trailing SL or Trailing TP



NewLesson: "hhlovernhh displacement"
it is always in amount
TS will not trigger or start till profit/losses move by amount equal to hhlovernhh displacement that you can change using:
1- **default** values

2- **CWC**, by clicking on **info** button (ignore word passive)
3- **ECWC**, by clicking on **info** button



default now is 75 USD or DDD
you can change it in default to 0 if you like
0 = there is ni displacement.

8) Actions

1- there are 5 possible actions, trader can choose from them
2- **W**: when TP/SL System close all, **W**ait user action-- halt trading, but math and other parts will continue. only no entries untill user inervention.
3- **R**: **R**efresh automatic **R**estart, with new **R**eferenced prices at the time of closing all,. Old #B, #S, LB and LS, will be also ciphered. (set at void or zero values)
4- **C**: **C**ontinue normally as nothing happen except overall close. = do not do anything.
5- **V**: REMO**V**E expert from the chart after TP/SL operates.
6- **0**: Set all variables to **zero**, deactivate all fire settings.
7- any click here will only deactivate forward button GO: ON:OFF

9) GO button (Fireing TP/SL Process)

1-when you see Orange OFF button, then click on it if all previous setting are activated, except for TS

which is optional.
2- SKs are rwuired either for ON case or even for OFF case.
3- ON state will flash Green/Red

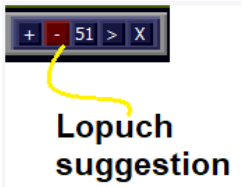
10) CLOSE-MODES (Optional)

Updated: Post #6848

NewLesson: PLN
P: **P**artial Close
L: **L**argest lot to be Closed first
N: **N**ormal Close

orc

Older Version:
1- only need SKs for both ON-OFF,
2- not related to any previous step. since they are fire buttons but with save operations. no wories.
3- button with sign "+" to close orders with larger profitss descendingly +ve.
4- button with sign "-" to close orders with greater losses descendingly -ve.
5- button "51" to close orders partially upon user set partial lot.
6- button with sign ">" to close orders with greater lots, but quantomly, descendingly.
7- button "x" to close orders normally. mt4 serial orders.
8- No one of them will be ON at the same time, only one.
9- "x" is the defult.



TOTAL EXPERT BLACK OUT

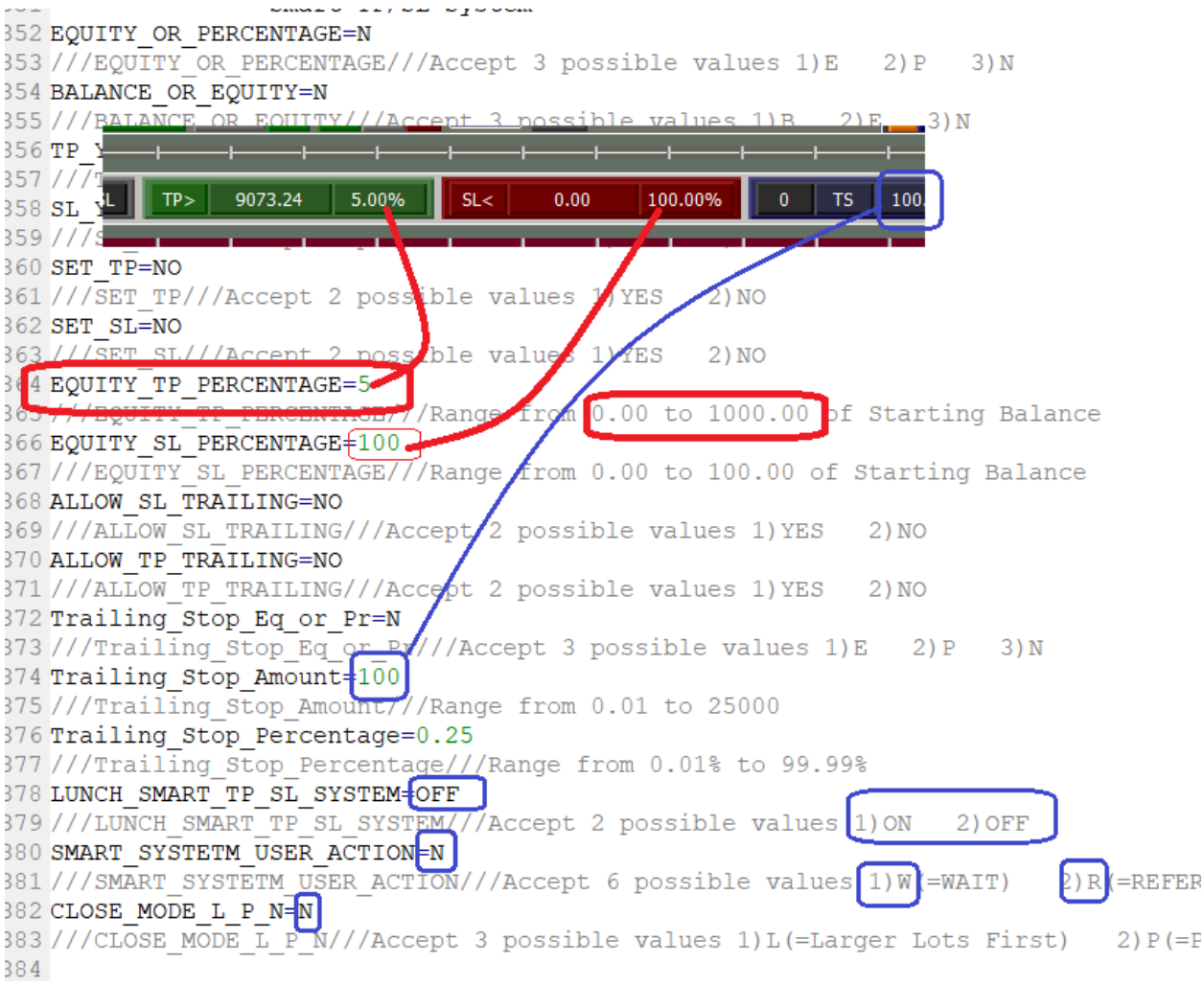
When any threshold linit has been hit, all orders closed/deleted every thing later will be automaticaly halted "blackout-state"
no math calc--no trading, no ability to click
but **all your setting** remain the same. when you click on 0x0 box to return from blackout.

after black out you will find:
1- halt state
2-clicks-lock state
remove the halt,'
remove clicks-lock
and do what you want to do

now please practice all
if possible open threee demoms on 3 terminals,,, choose near values, manulay try 100 lot postions to hasten invertigation process
do not behave in stupid way and wait 5 hours!

11)Smart TP/SL Excel Default Settings

Now almost I have no control over your choices
for example **TP %**, you can set it **once** at your life.



in old vers you have no control, the default for TP level is multiplier of 2 by balance
and each time you attach expert, you can not control it from the beginning unless you change t using CWC+SKs

Now, I think **all expert variables** are under trader-control.

now through default you can make the whole SMART system **ON** during initialization
no need each time to use SKs in a lengthy hectic process!! *if you like*

12) MSJAMIRA CONCEPT for Specific Pair Profit

MSJAMIRA CONCEPT for specific pair profits
i find a quick solution, to be % of % of total profits

assume you set % for the whole account at 5%
then there is a modfier for single pair profits, ranging from 0.01 to 2.00 multi[lier

for example if modier is 0.40
then EURUSD % alone will be 0.40*5% = 2%

and this 2% for all pairs.

then if specific pair profits reach 2% it will close that pair even if the total% does not reach 5%

also you can make it double of 5% (multp 2) 5%*2=10% (somewhat strange to use, but it has its own uses)

so this button no longe used for SKs!
it is now realyy **very very smart** as its name implies!

i will name this multipler factor as "msjamira_multiplier" in defaults file

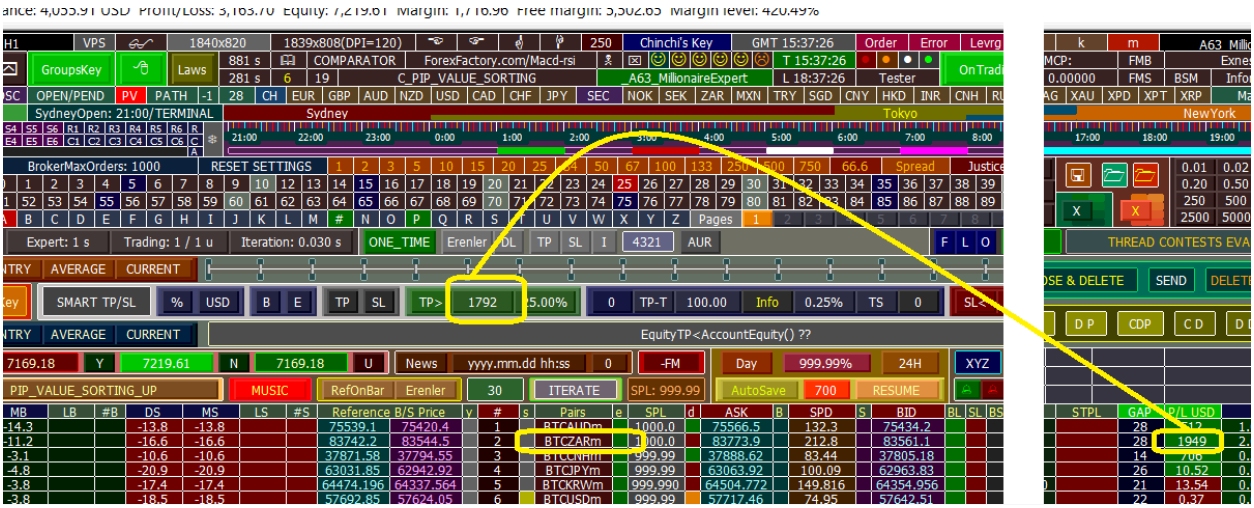
and it will be totaly independent of existing smart tp/sl system.
that mean they will work asynchronizly.

you have to activate PL_USD first to make calc.

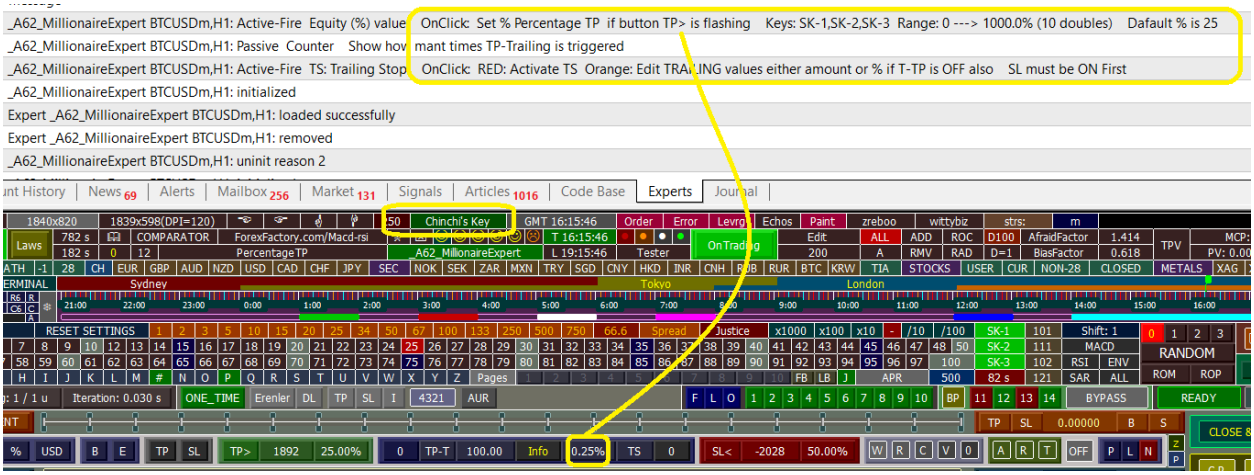
to smarten it up , the button will be 2 experts:
expert for pair P (p/l of buys+sells) -- BLUE BUTTON
expert for direction(p/l of buys or p/l of sells) ---- RED OR AQUA BUTTON--later i will decide!

look at pciture to realize that msjamira concept is veru important:

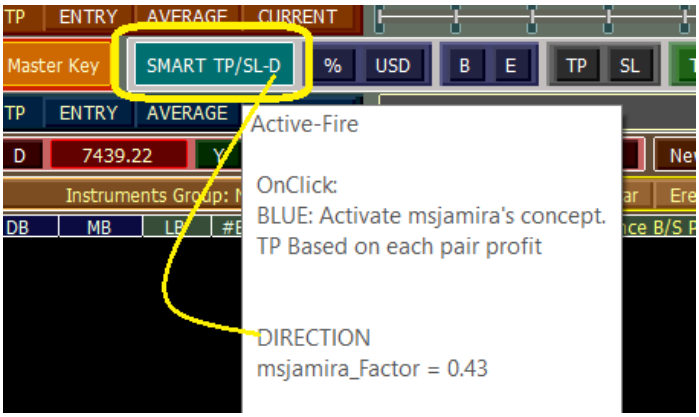
we have six pairs
the profit of one pair may surpass the total reequired profit?? later this pairs profits may convert to negative, if the total profits not reach your required P/L level



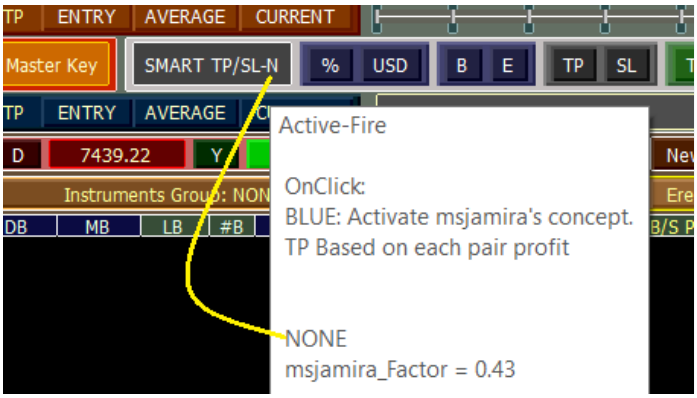
chinchi-key for print-in-expert-log(green chinchi) mode, has been enhanced---no there is spaces b/w words. easy to copy and translate.



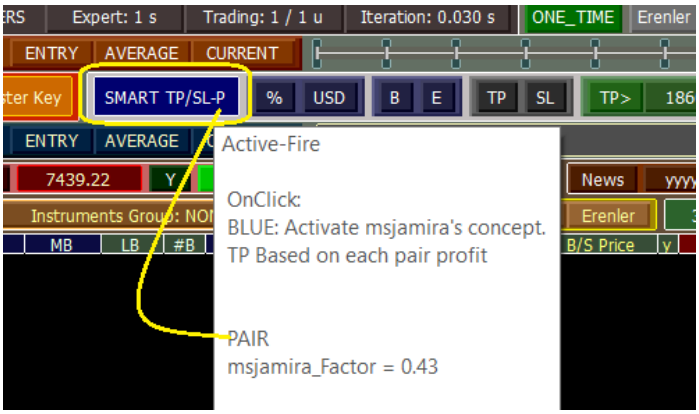
LightSeaGrean color: **D**irection



Gray color--None (like existing experts without additions)



calm **Blue** color: Pair (that mean both two directions: sells and buys)



from defaults file you can change two parameters:
msjamira case: either PAIR, DIRECTION or NONE
plus
you can set msjamira factor.

```
SMART_SYSTEM_USER_ACTION=N
//SMART_SYSTEM_USER_ACTION// accepts six possible values 1)W(=WATT)   2)R(=REBENBRUCK)
CLOSE_MODE_L_P_N=N
msjamira_Factor=0.43
//msjamira_factor// range from 0.01 to 3.14
//this factor is used to close specific pair based on P/L> Account%*msjamira_Factor
msjamira_Case=DIRECTION
//msjamira_Case// accepts three values   1)PAIR 2)   DIRECTION   3)any other value
-------WORLD MARKETS TRADING TIMES COLORS-------
CSydney=C'111,0,0'
```

assume you set account TP at 5000 USD

but for specific pair you wnat to close when P/L of that pair (all array pairs) reach 0.40 out of that 5000
that mean: 0.40*5000 = 2000 USD.

then that pair position (all or some) will be closed (12 cases we spoke about last week) when that pair P/L reaches 2000

if you choose **PAIR**: will close all buys and sells

but if you choose **DIRECTION**: then it will treat buys and sells seprately
if profits of **buys** reach 2000 will close all **buy** positions only
if profits of **sells** reach 2000 will close all **sell** positions only

0.40 here is **your** msjamira_factor in default file.. it is not imposed by me.

the same thing for % choice

assume you choose 10% instrad of 5000
and factor is 0.4

then pair/direction close lecel will be 4% (10%*0.4=4%)

actually setting allow you to make pair TP higher than total account
since limits could be also above 1 till the 3.14

min factor is 0.01

to keep integretiy/rytheme of this expert whole fucntions:
expertLog will tell you exactly **the root source of close**

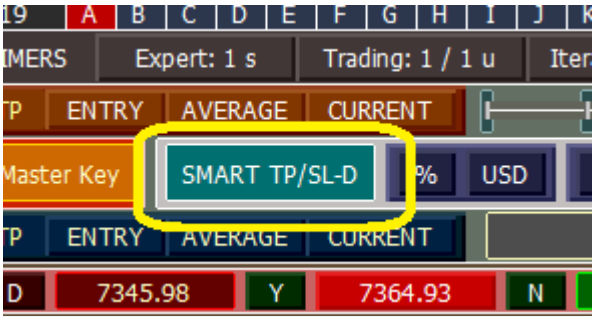
three possibilities:

1- DIRECTION-BUY

2- DIRECTION-SELL
3- SMART-PAIR

below since I choose D, i expect either Direection SELL or DIRECTION/BUY

and it is enough reason to read word msjamira in expert log to know that, the source of close is this button only:



for msjamira?? does the pair calulated profit includes all pair open positions:

ans: definitly not--we make things much smarter

you have 4 cases:
1- all
2- indexed
3-magocNumber
4- magic+indexed
all position is just 1 case out of 4 cases.

(Refer to Chapter on Account Profit Button for more info on the 4 cases)

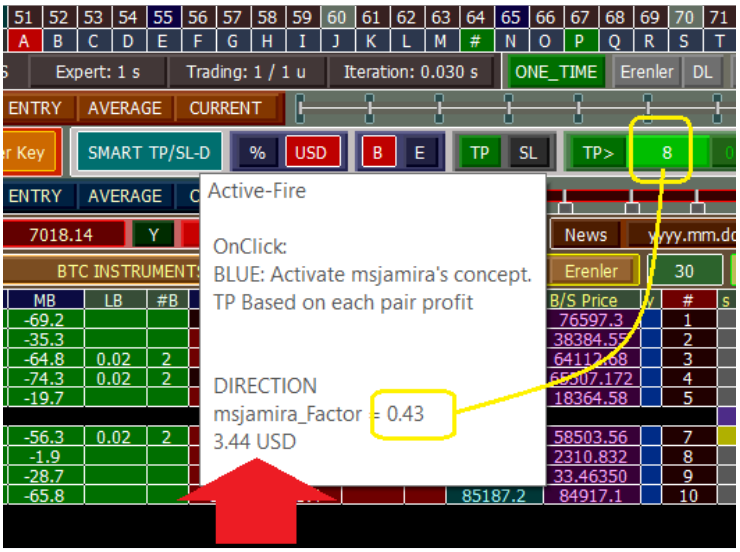
so expert will calculate for and close either all or some, upon your personal choice

msjamira button actually it is 4 experts.

please do not cry if some pair positions are not closed
you who decide that---not me, not my expert

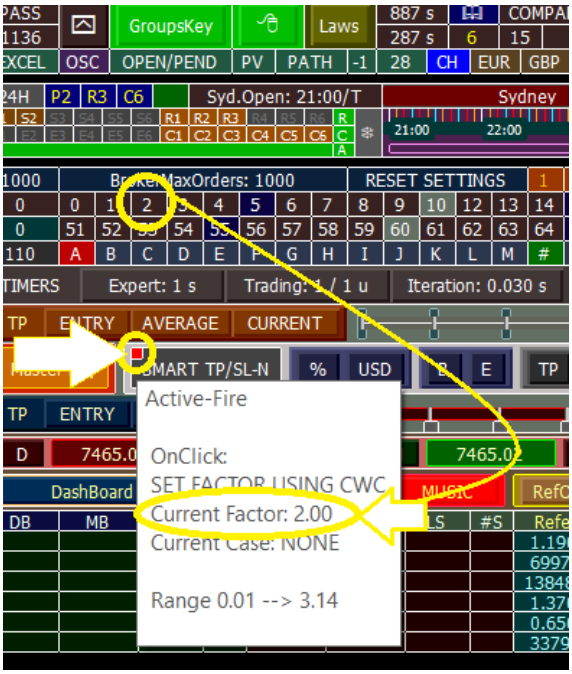
always "**you**" are there

NewLesson:
8*0.43=3.44
end of the lesson



Post 7535

now you can change Mira-Factor through CWC also--***just click on small red square on the corner***: plus the method of defauls



Post 7706

as we said three times ago: msjamira 😊 is totally independ of old smart system

not related to OFF/ON status etc

it just takes profit amount or percentage from there and multiply it by MIRA-FACTOR
that is only the link b/w them. taking value only! no more

therefore you are dynamic:
1- can activate both togther
2- can activate only smart system
3- can activate only msjamira system

in your picture **msjamira** blue = ON

a) MIRA minus

MIRA minus button "-"
if activated will be red
MIRA itself have three possible titles
1- MIRA TP/SL-N
2- MIRA TP/SL-P
3- MIRA TP/SL-D
NONE: OFF
P: ON for pair both directions
D: ON for pair single direction

if activated will be soft green, non-gray

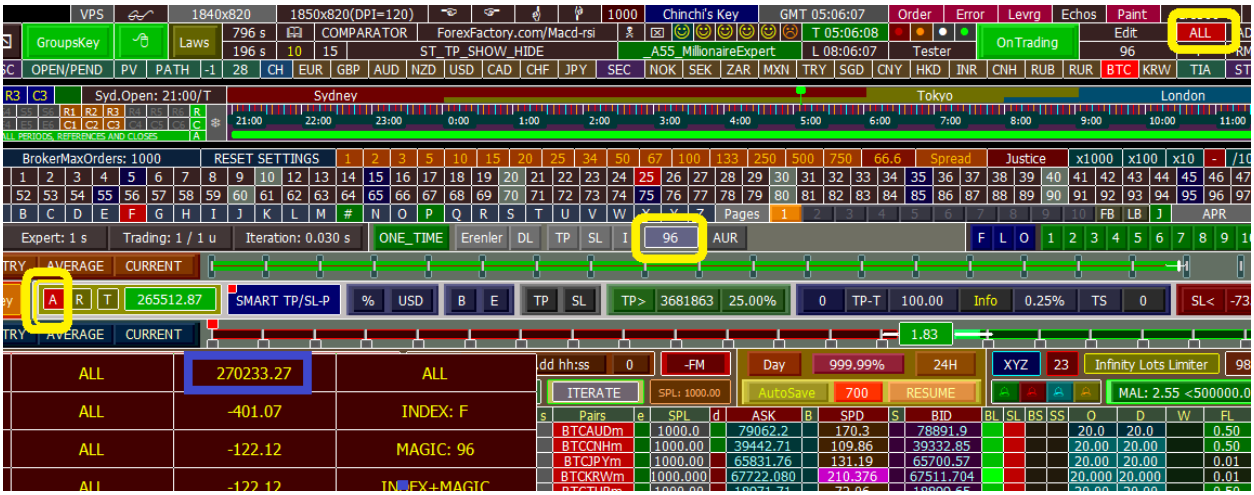
minus if activated will be RED

MINUS means minus 😊
that mean if you set SMART system TP at 10000
and MIRA profit at 1000
and some pair closed with 1000 USD
then expert will make new TP Level 10000-1000 = 9000

13) SMART TP/SL/MCP/PV Calculations

NewLesson: SMART TP/SL/MCP/PV calculations (01-12)

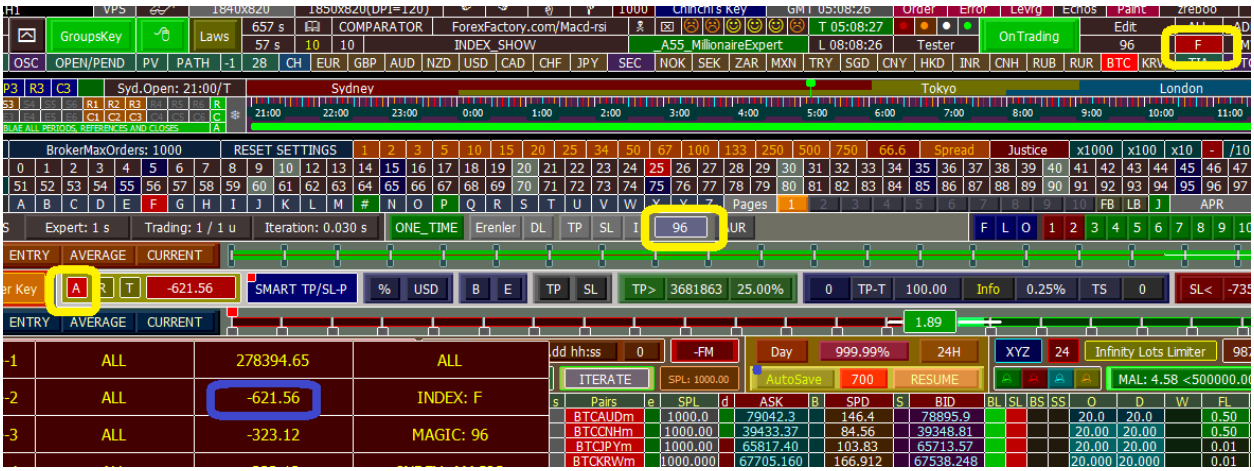
case-1: ALL-ALL
make things as shown on picture for the three main buttons: index- magic- ART



magic is gray-colored

NewLesson: SMART TP/SL/MCP/PV calculations (02-12)

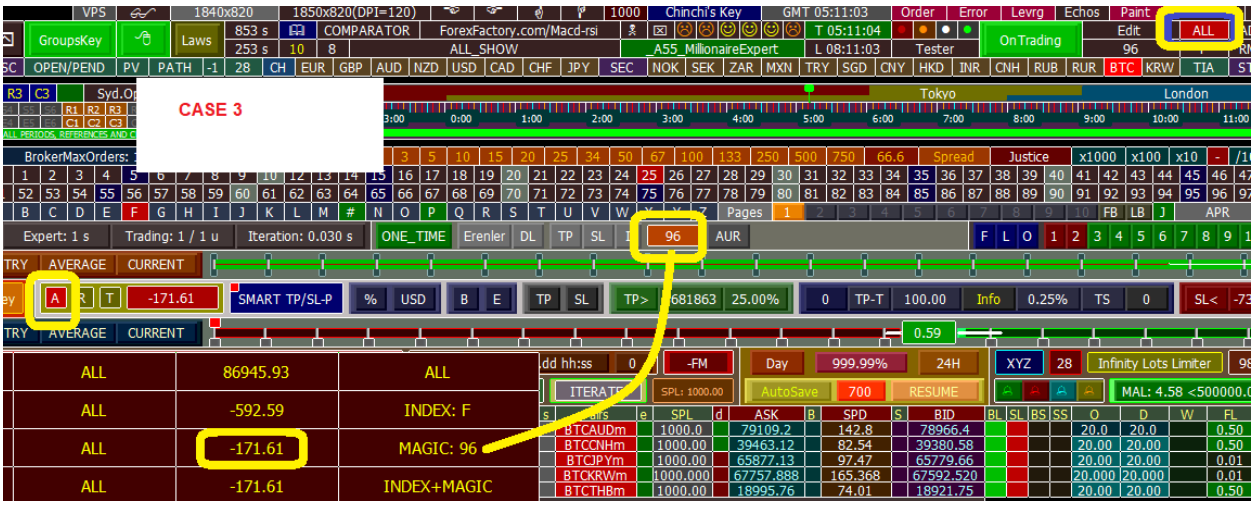
case-2: ALL-INDEX
make things as shown on picture for the three main buttons: index- magic- ART



magic is gray-colored

NewLesson: SMART TP/SL/MCP/PV calculations (03-12)

case-3: ALL-**MAGIC**
Click on magic to make it orange (not gray)
with ALL



NewLesson: SMART TP/SL/MCP/PV calculations (04-12)

case-4: ALL-**MAGIC&&INDEX**

magic is ON (orange)

ARRAY dfinition: Array is only the instruments shown on the dashboard. for example you choose 28 pairs, and there are open postions on US30, then US30 POSITIONS WILL BE IGNORED as if they do not exist at all.

NewLesson: SMART TP/SL/MCP/PV calculations (05-12)
case-5: Array - ALL
the same as lesson **01 out of 12**, exept choose **R** instead of **A** in A R T

NewLesson: SMART TP/SL/MCP/PV calculations (06-12)

case-6: Array - INDEX
the same as lesson **02 out of 12**, exept choose **R** instead of **A** in A R T

NewLesson: SMART TP/SL/MCP/PV calculations (07-12)
case-7: Array - MAGIC
the same as lesson **03 out of 12**, exept choose **R** instead of **A** in A R T

NewLesson: SMART TP/SL/MCP/PV calculations (08-12)
case-8: Array - INDEX & MAGIC
the same as lesson **04 out of 12**, exept choose **R** instead of **A** in A R T

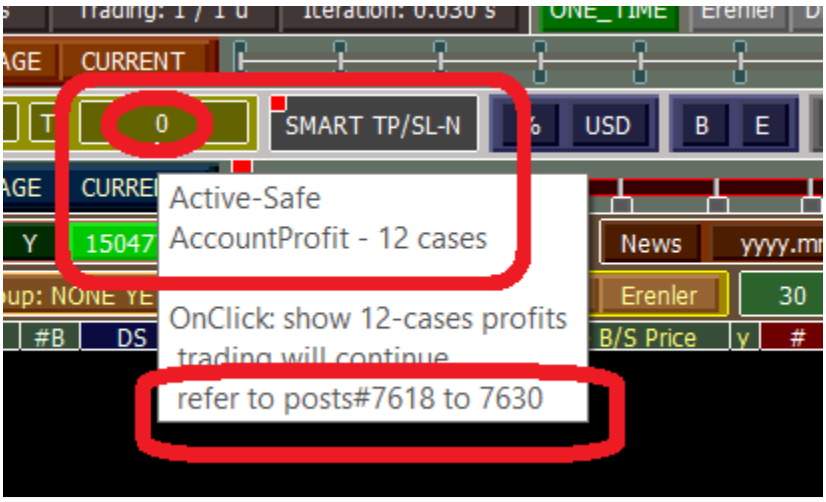
NewLesson: SMART TP/SL/MCP/PV calculations (09-12)
case-9: TIA- ALL
the same as lesson **01 out of 12**, exept choose **T** instead of **A** in A R T

NewLesson: SMART TP/SL/MCP/PV calculations (10-12)
case-10: TIA- INDEX
the same as lesson **02 out of 12**, except choose **T** instead of **A** in A R T

NewLesson: SMART TP/SL/MCP/PV calculations (11-12)
case-11: TIA- MAGIC
the same as lesson **03 out of 12**, exept choose **T** instead of **A** in A R T

NewLesson: SMART TP/SL/MCP/PV calculations (12-12)
case-12: TIA- INDEX & MAGIC
the same as lesson **04 out of 12**, exept choose **T** instead of **A** in A R T

all these 12 lessons have been referenced in tooltips of ProfitFeild



for **wahdatw** V, Ws, DCV buttons on time_bar.

W1,W2 like wait for some time (for entry periods)
it is totally against Ss.

assume you select 24H-trading, but want t ostop from 07:17 to 13:13

then set W1W2 at 07:17 and 13:13

V: remove expert at specific moment without any action
while CDV: remove expert but first close and delete all orders/positions

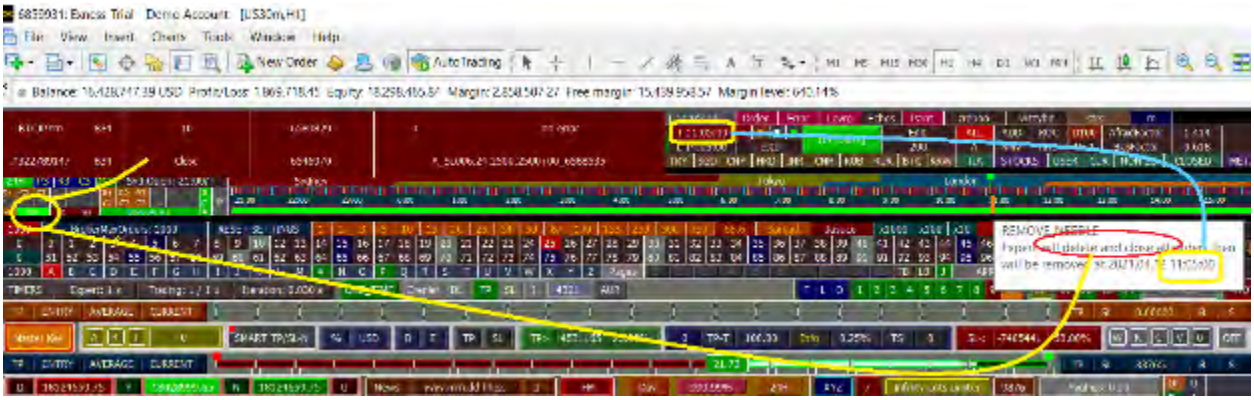
0 P/L ??

COMMON SENSE: when all symbols of your open positions are under *trade is allowed*, therefore:

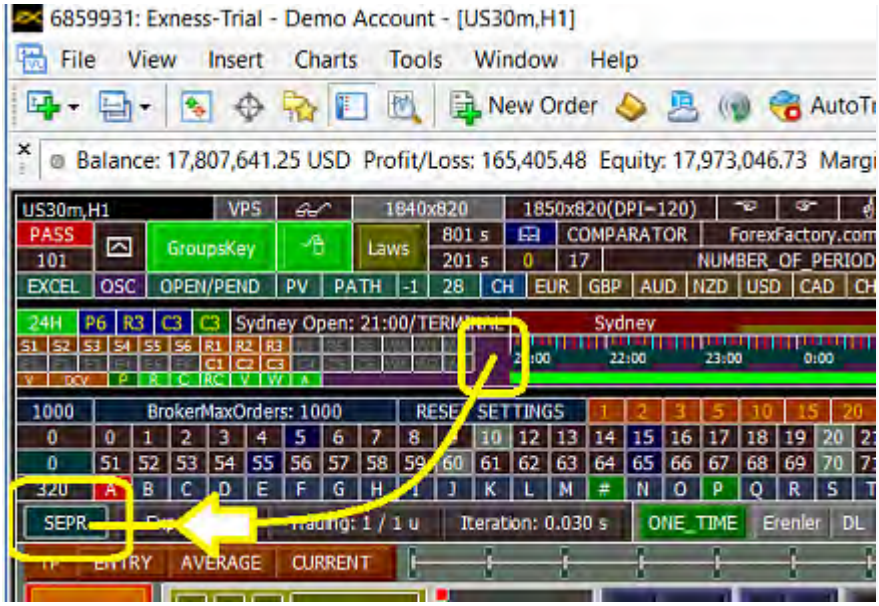
ALL = TIA

of orders of each direction has been added;
"**ORDER**" in default
this button now accept 8 clicks for 8 different things
or one time set from the default

proved 100% **DCV** button
on the time



DCV: **D**elete -- **C**lose -- **R**emove expert

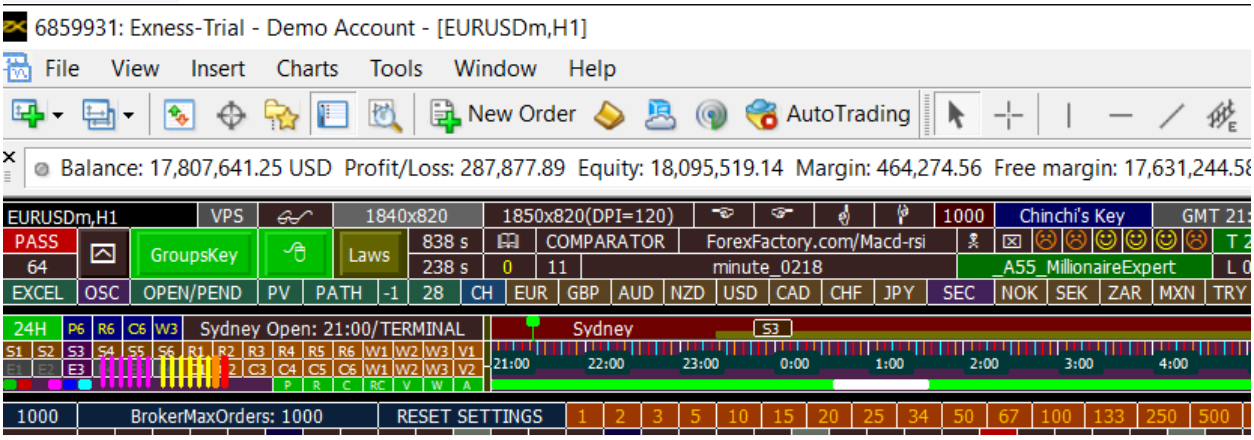


Accuracy for **edge**-minutes:

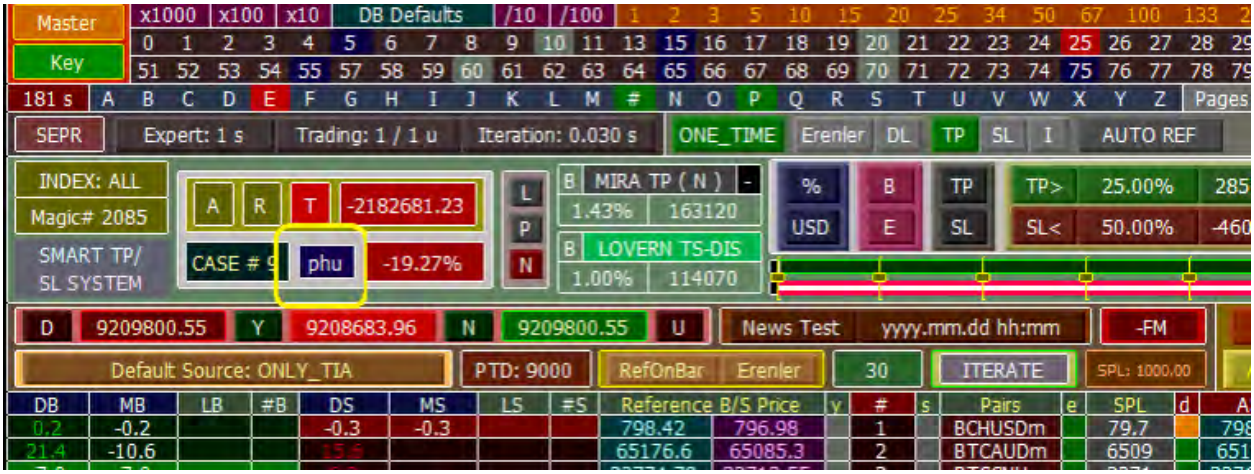
00:00:00
00:01:00
00:02:00

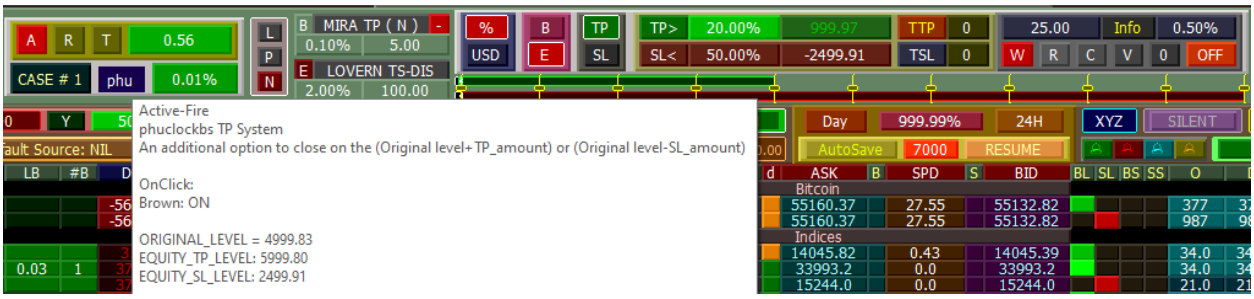
23:58:00
23:59:00
24:00:00

under satisfying: smartness, quickness, easy-to-use(easiness), reliability, accurate coordination etc.. and of couse 1) self-explanatory 2) posts references



14) PHU TP System





I add **phu** button to encompass also for closed postions during runtime--additional option that could be enabled/disabled!

phu has been added:
since it is simple and fast to code!

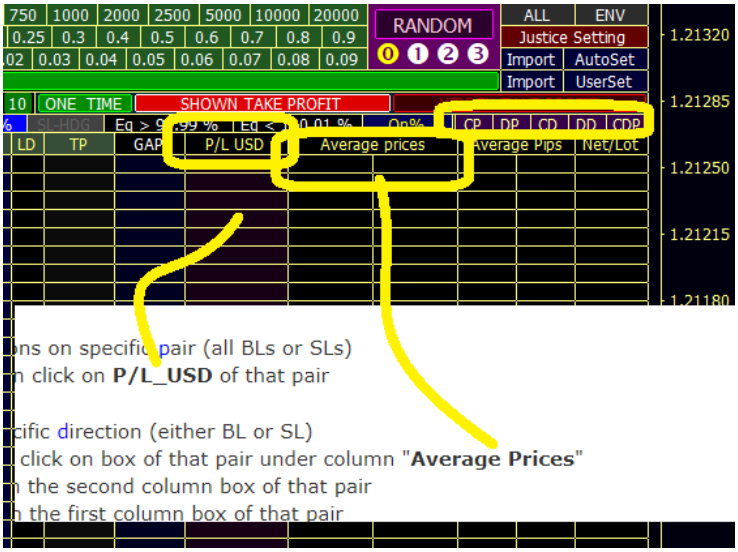
you can activate it or disable it. -- it is upto you

so three system can work at the same time:
MIRA
SMART
SMART-phu
or one of then or two of them!
or of course none of them!

*consider it **8** experts!*

1) NO-NO-NO
2) NO-NO-SMART
3) NO-MIRA-NO
4) NO-MIRA-SAMRT
5) PHU-NO-NO
6) PHU-NO-SMART
7) PHU-MIRA-NO
8) PHU-MIRA-SAMRT

20- Small Scripts CP,DP,CD,DD,CDP,CDD



specific-pair- *expert-quick-scripts*

sorry there are small matter lift: about ***expert-quick-scripts***

colors explain meanining: P=Pair---C=close-----1st D=Delete-----2nd D=Direction

1- I want to close all postions on specific pair (all BLS,SLs)
------answer---- click on CP box, then click on **P/L_USD** of that pair

2- I want to delete all postions on specific pair (all BLS,SLs)
------answer---- click on DP box, then click on **P/L_USD** of that pair

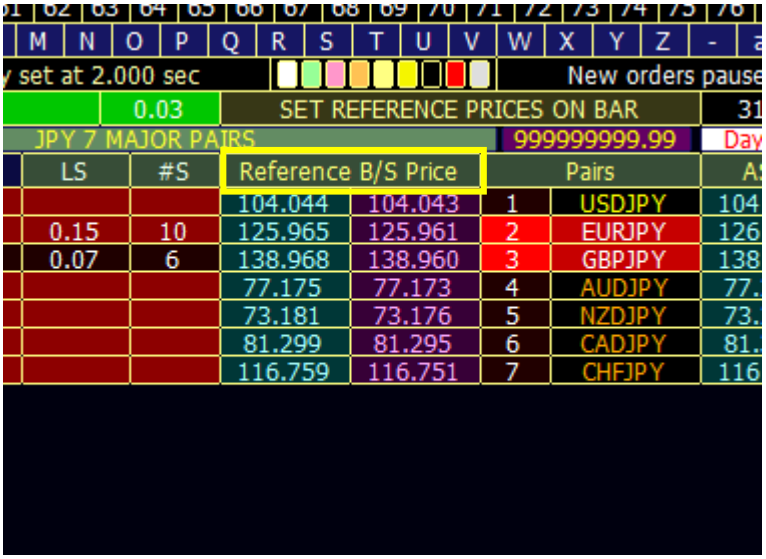
3- I want to close and delete all postions on specific pair (all BLs or SLs)
------answer---- click on CDP box, then click on **P/L_USD** of that pair

4- I want to close the postions on specific direction (either BL or SL)
------answer---- click on CD box, then click on box of that pair under column "**Average Prices**"
---------- For Sell click on the second column box of that pair
---------- For Buy click on the first column box of that pair

5- I want to **d**elete the pending postions on specific **d**irection (either BL or SL)
------answer---- click on D**D** box, then click on box of that pair under column "**Average Prices**"
---------- For Sell click on the second column box of that pair
---------- For Buy click on the first column box of that pair

21- Reference Prices

1) Set Reference on CURRENT Market (Ask/Bid) Prices



REFERENCE Box refers to two columns shown in picture below. By clicking on the Reference price twice, it will show ALL the current market (Ask/Bid) Prices of all the pairs

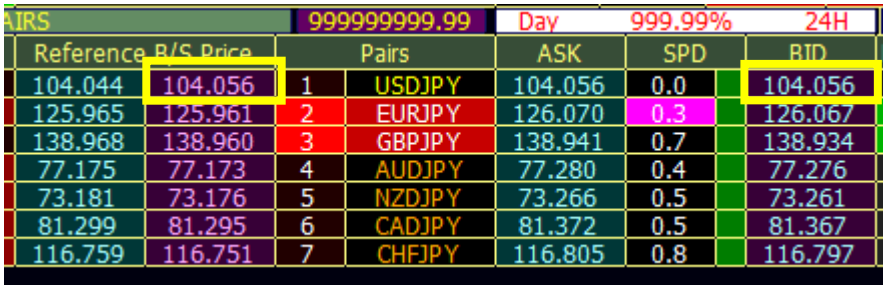
Buy orders reference from (Left Column-Ask) Price
Sell orders reference from (Left Column-Ask) Price

Example if O=D=25 pips, (assuming BL,SL or BS,SS is activated)

If price goes below the Left REFERENCE Box column by 25pips, 1 **Buy** order will be placed
If price goes above the Right REFERENCE Box column by 25pips, 1 **Sell** order will be placed

Tip 1: If you do not want to populate all pairs (more reference prices, more computing power required), you can select only pairs you want to set your Reference Prices

Tip 2: If you want to change only the reference price of 1 of the pairs either (Buy or Sell). Clicking on the pair will auto populate only the Reference Sell Price, based on the current Bid Price (same as Bid Price column). See below.



2) Set Reference Prices on Bar - Future

Timing based on: **Terminal** or **Local** selected by user

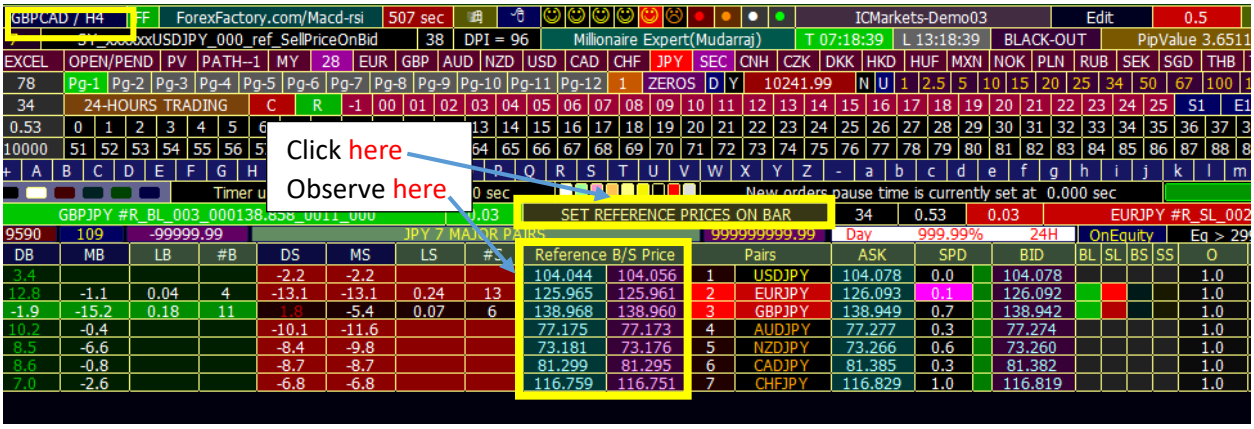
Timeframe: **H1 only**

Intention: To set a future price which I want to set my reference price (only Hour)

Example: I want to set my reference price based on Europe Opening hours later

Action: **Select R** -> XX(hour) based on Terminal or Local Timing

3) Set Reference Prices on Bar - CURRENT Bar



Set reference prices based on OPEN price of current Bar's Timeframe (where EA is placed in)

Assume you apply expert now, time now is 11:33 AM.
But you want <u>to reference at prices at the opening of current candle</u> (depend on expert chart time frame) - say it is **H4**-time frame

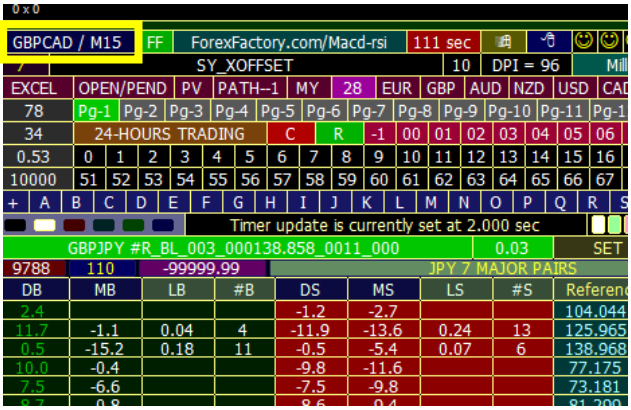
Assume Candle opens at **08:00, 12:00**, 16:00 etc
If Current time of 11:33, it will **reference the opening price of bar at 08:00 H4 candle**.

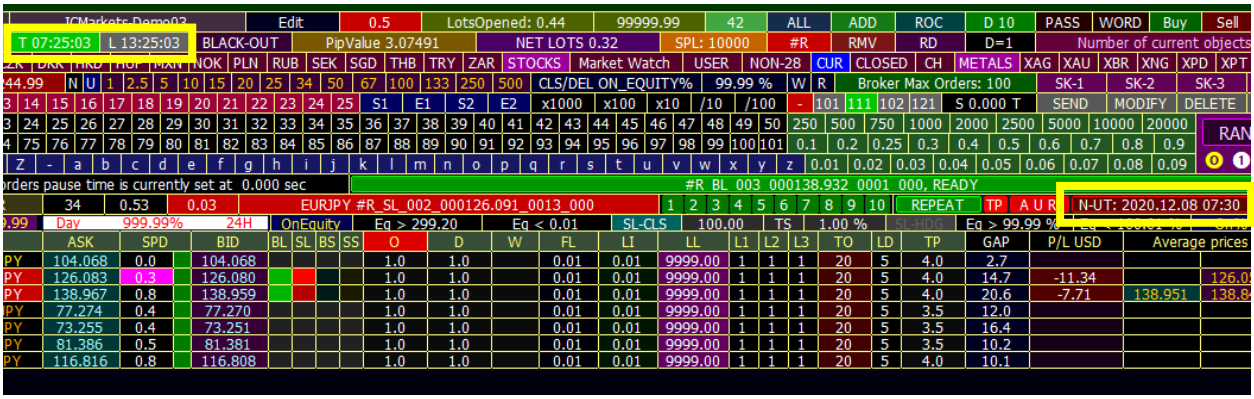
you know the difference b/w 08:00 prices and now 11:33 may be huge. you may like that!

4) Set Reference Prices on NEXT Bar

N-UT: Next Automatic Update of Reference Values (For REPEAT option only)

Set reference prices automatically based on **NEXT** OPEN price Bar's Timeframe (where EA is placed in)





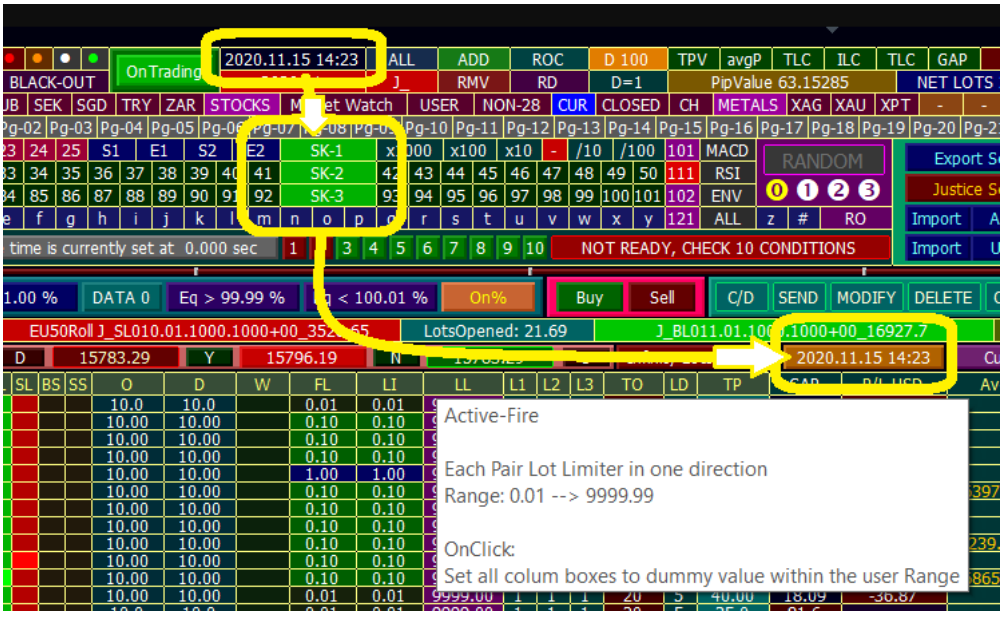
Current Timeframe: M15
Terminal Time (Active): T 07:25:03
N-UT (AUR Red – Active): 2020.12.08 **07:30**

At **07:30**, the Reference B/S Price will automatically update all prices based on the next opening price of the M15 Bar

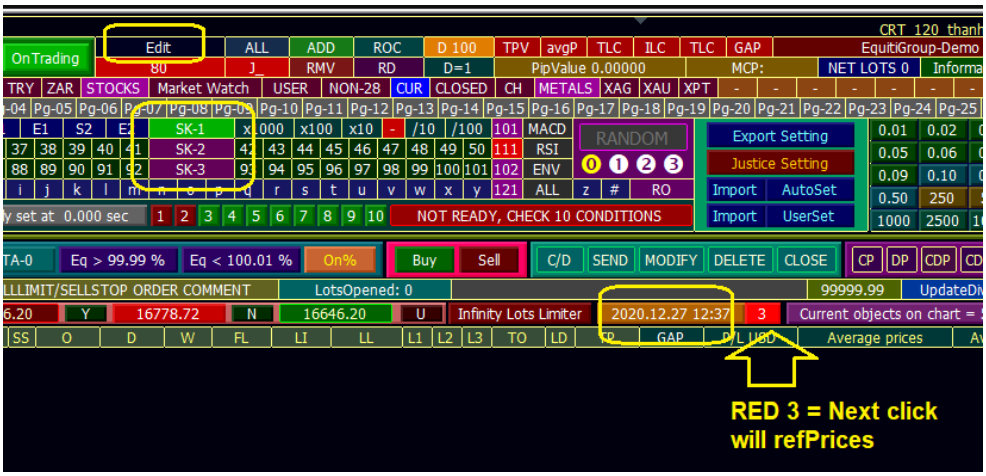
5) Set Reference Prices on Previous bars - Vietnamese Box

Timing based on: Terminal only

Timeframe: Depends on current Timeframe your expert is in (M1 -> Monthly)



nd since i add **string** characteritics to edit field, it is possible to **edit** specific **pair name** and attached to dashboard instead of any pair immediately



Vitenamce Ref System is build on high degree of safety:
1- if you enter time out side of bars time (time of sundays for example) -- expert strictly will discover it and reject it.
2- to set timer--you must know correct time format "yyyy.mm.dd hh:mm"
--------- dot "." b/w first three parameters and "" symbol b/w last two elements
--------- do not forge tspace" " b/w them
year then dot then **month** then dot then **day** then **single space** then **hours** then **minutes**
3- for safety and not east to change time later, by false click, you must use SK1,SK2,SK3 then clock on box
4- if you do, now you can refrence price but also on high degree of safety:
------a- first SK-1
------b- you have to click on VietnameseBox, 4 times to enfore refPrice to be modfied to openining of you selected time.
5- you are now free of H1 frame, if you set ExpertChart for example to M5, then it will take the openinings based on M5.

Example you edit "2020.12.09 07:**33**" -- it will take openinigs of "2020.12.09 07:**30**"
33 is part of 30 in M5.
6- before doing any thing choose first - say MY groups - and observe rePrice
7- it is your high resposibilty to validate is thing are working properly or not. I do it for you, thereore I expect to pay high attenstion, if possible devote some hours to check.
8-please after counter 3 and refPrices changed---observe row of TRADING-HOURS---does RefHour box is colored with your hour in your selectedTime???? or not.
for example; you choose "2020.12.09 **07**:33" -- does box Hour_7 ,"**07**",is **GREEN**??

Intention: To set a past price which you want to set my reference price but I cannot use "Set Reference Prices on Bar" (since it only gives Bar0 price), this allow me to set prices based on previous bars

#Post 2344

sacredragon

Hi I am referring to the Vietnamese Box testing.

Let me try to illustrate it so that I understand better.

Current Date: 2020.12.09
Current Time: T19:**01:24** (in picture)
Current Timeframe: M5

Old version > Allows us to set current OPEN price based on current timeframe M5 by clicking on "SET REFERENCE PRICES ON BAR" box at 19:**00:00**

New version > Aim to allow us to set OPEN price based on current timeframe M5 but few (M5) bars/ candle ago by clicking on the Vietnamese Box.

Example: I want to set 1 bar ago based on M5 > retrieve OPEN price of M5 1 bar ago at 18:**55:00.**
Any timings from "2020.12.09 18:**55** to 2020.12.09 18:**59**" will give us the OPEN price of M5 1 bar ago.

If what I understand was correct, I have tested using the following steps but have been unsuccessful, do correct me if I am doing it wrongly.

Observe -> Current Reference B/S Prices

SK1,2,3 -> Vietnamese Box
Edit -> key in 2020.12.09 **18:55**
Sk1 -> Click Vietnamese Box 4 times
SK1,2,3 -> Vietnamese Box to display timings "2020.12.09 **18:55"**

My observations:
1) Reference B/S Price disappears
2) R Timing does not show
3) Can I confirming timing that we key into "yyyy.mm.dd hh.mm" corresponds to T and L timings?

Propose:
1) Is it possible to include the timing of the Current Reference B/S Price as well, so that we know what date/time the Reference B/S Price was taken from.

#Post 3408

Macd-RSI

Quote
Old version > Allows us to set current OPEN price based on current timeframe M5 by clicking on "SET REFERENCE PRICES ON BAR" box at 19:**00:00**

true, "SET_REF ON BAR" on candle **#0**, **last** candle,
you named it "**current**" -- and that also true

Quote
New version > Aim to allow us to set OPEN price based on current timeframe M5 but few (M5) bars/ candle ago by clicking on the Vietnamese Box.

true
plus more task: it will set trading hour for coming days, at the hour which is part of vietnameTimer.
2020.12.01 **09**.08
at that day "pats or first time" prices were at 2020.12.01 09.**05**----------past
but coming days if new human inervene, REF_HOUR = 09:00 ---- box "9" will be Green------future

Quote
Example: I want to set 1 bar ago based on M5 > retrieve OPEN price of M5 1 bar ago at 18:**55:00.**
Any timings from "2020.12.09 18:**55** to 2020.12.09 18:**59**" will give us the OPEN price of M5 1 bar ago.

exactly

Quote

Observe -> Current Reference B/S Prices

SK1,2,3 -> Vietnamese Box
Edit -> key in 2020.12.09 **18:55**
Sk1 -> Click Vietnamese Box 4 times
SK1,2,3 -> Vietnamese Box to display timings "2020.12.09 **18:55"**

yes , it must not change refPrice. thanhalove speak about it.
Reason: you choose future value--- future time without bar (bar not created yet on chart). this box is built on exsisting bars
assume you select bar of sunday time! alsu refPrice must not change.

if changed there is a problem in the code==== mismatch b/w what we have said here and how things aer running.

Quote

Propose:
1) Is it possible to include the timing of the Current Reference B/S Price as well, so that we know what date/time the Reference B/S Price was taken from.

great propose
will be added on vietnamese box, so this box show last refProcess time.
realy it is great idea.
very great.
thank you.
if you were programmer, iam sure you will do things much better

Quote

3) Can I confirming timing that we key into "yyyy.mm.dd hh.mm" corresponds to T and L timings?

since we take bars, and bars belong to broker, and broker is the owner 😊 of the terminal, here no choice.
but from math veipoint and then fron programming point of veiw, conversion is easy b/w local and Tremibal.

assume you apply veitnamese box. bar deal with Terminal time.
But you choice is Local Time. then in this case program know all this facts and do conversion.

assume thanhalove local time is 19:00 while terminal is 12:00
and he always choose "L ---- Local"
and edit 2020.12.10 12:12 ---- program can see it as thnhalove intention -- as a local time, then convert it inetrenaly to terminal time,
this is possiblem but may pose some confusion!

better solution is that immediatly when select Vietnamese system-- **program enforce every thing to be on terminal mode.**

Post #5301

this part I explained twice.
i will repeat for the third time.
first, for string values like time format--**no need to click on dummy.**
dummy just for integers and floating values

if SKs ON, just type and click,
be sure first there is a corresponding 1 min candle at your time of the chart you attaching expert to(BTCUSD in your picture). otherwise start of the day will be your time

do not forget it take time part upon chart frame
for example if you apply to M5, you have to expecr referencing on 11:25 instead of 11:27.

a) Coordination of Ref Timers (synchronization)

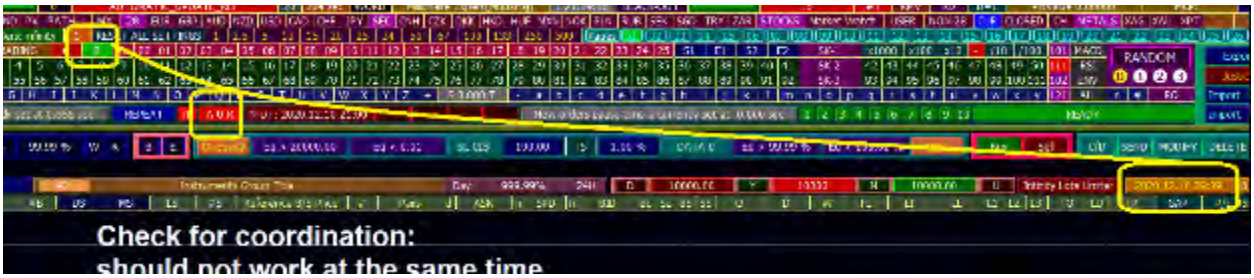
now vietnamses timer is synchronized with any other ref method

activating one method to **de-**activate others

also timeFormat
you can use yyyy -- result will be the current time moment for example "2020.12.10 22.34"
you can use yyyy.mm -- the result will be the start of the month
if you edit 2020.09 -- result: 2020.09**.01 00:00:00**

also you can use format yyyy.mm.dd
for example you edit 2020.12.07 --- result: 2020.12.07 **00:00**

if you edit any wrong valued for example "7" or "T#9879-98FsU" or "98457" -- the result will be the start of current date
For example you edit T677YX677 then clicked on SK-1,SK-2, SK-3 then Viet box, the result will be **2020.12.10 00:00:00**
today is 2020.12.10



6) Set User Reference Price

button p has been added

Quoting ENG.yahia

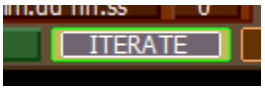
execuse me is it possible to add user reference price example set ref buy for EURUSD at specific price 1.2100

done

now through CWC, after special price key p , you can set your price>

if **p** is red: your price
if not red: what we have been used to.

7) ITERATE button



NewLesson:
-------**Skat**: when i click SetRefOnBar, weekly chart, all my 10 pairs was at least -200 pips, my O=D=10;
omaramir: when i click SetRefOnBar, weekly chart, all my 10 pairs was at least -200 pips, my O=D=10;
----**zreboo**: when i click SetRefOnBar, weekly chart, all my 10 pairs was at least -200 pips, my

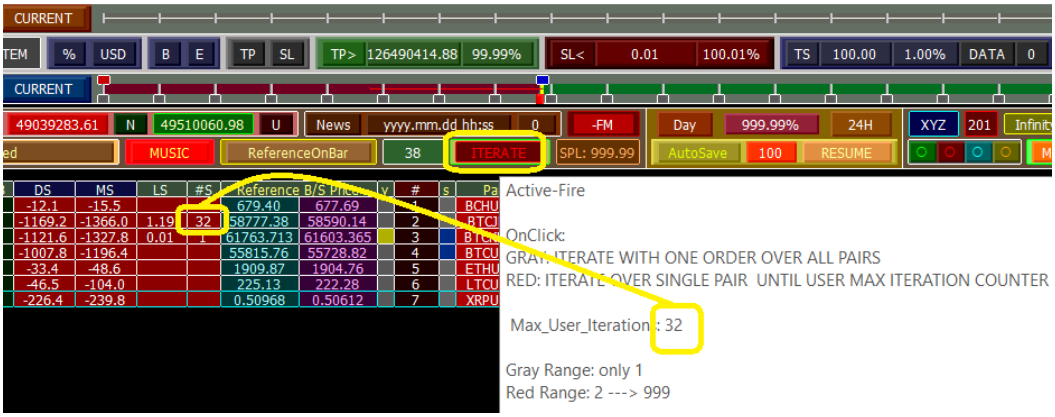
O=D=10;

-------**Skat**: i want expert to open positions **one order for each pair**, and then rotate again till all orders are executed;
omaramir: NO, NO, I want expert to open all 20 positions of the first pair, then go to the second pair and so on (-200/10=20 positions);
----**zreboo**: I hate both methods. I prefer 2 orders for each pair, then go to the seond order and when 2 orders of last pair is opened, rotate again 2 orders for each pair.

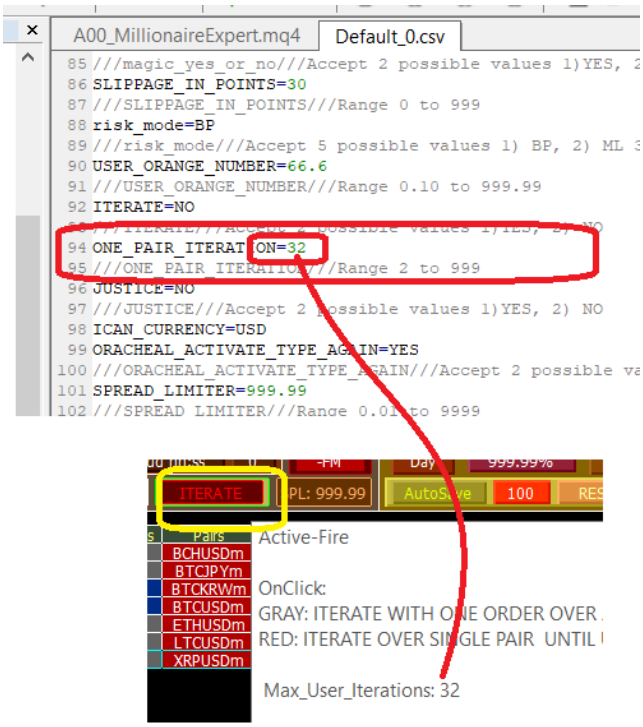
sacredragon: all choices are availabe. if **ITERATE** button is GRAY, it is our normal case (**Skat** want that)
but when **ITERATE** is RED, then through CWC method, **omaramir** has to choose big integer number, let us say 40 and **zreboo** has to choose integer 2.
and you will see the true number of iteration in **tooltips** of **ITERATE**

Post #6122

expert will iterate over the same pair 32 times, if first 32 orders entry condition is satisfied, then go to next pair and so on



you can set values other than 32 in default file.
this value can not be changed by CWC. **common sense rule**



Hints:

1- you have to activate iteration---ITERATE=YES===>RED button
2- Gray button, is our normal operation, no iteration
3- range from 2 to 999
4- using SKs, then click on ITERATE to make it ON/OFF

8) Pips Trading Distance (PTD) – Omaramir Ideaa

(Trading will only begin after a predetermined distance set in PTD)

Post #6020

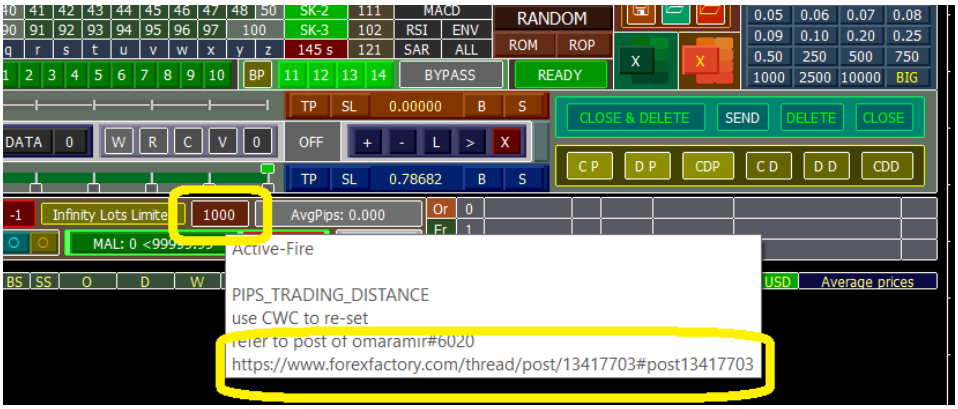
I see the problem in BS , SS , is when you open orders from far away distance from your reference price. , when those orders reverse then you will face that DD.
Let's assume you are opening BS orders and the mirket directions is with your side , so you are making profits , you will become very far from your reference number , and since your profitable orders closed in profits , so lot limiter will not stop the expert from opening new orders. , when reversal , it will be big accumulated DD.

In case there is a solution to this problem , we can help each other to cooperate and limit the orders of both directions in a limited area around the reference prices.

If I miss something , or in case I have mistakes in my thinking please point out it to me , and let me please correct my understanding .

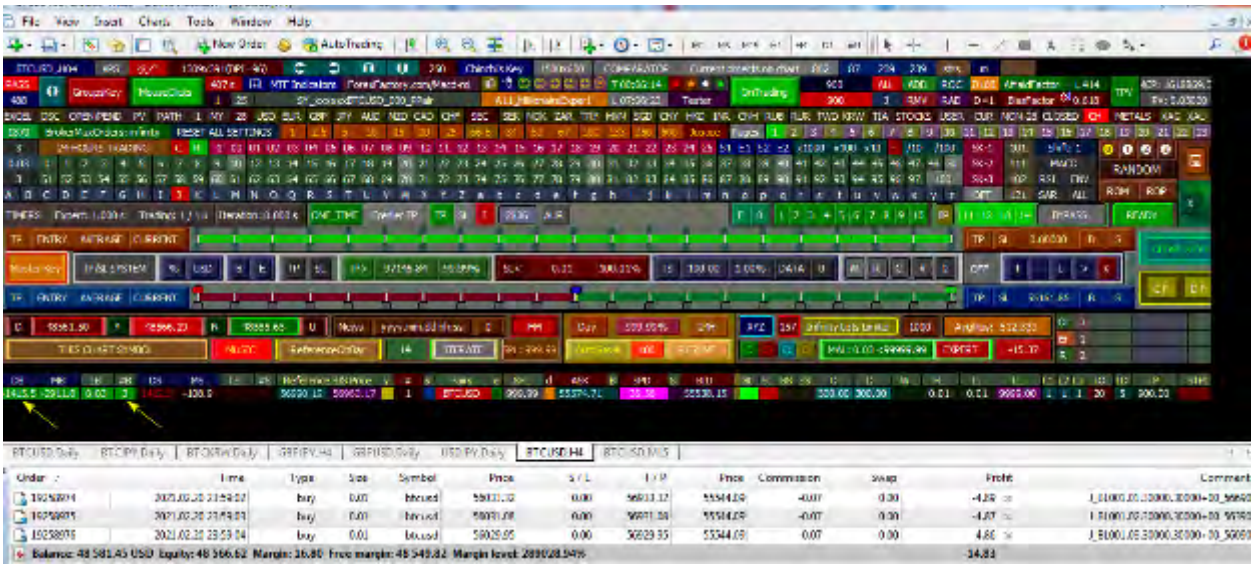
Just I am asking my self , and hope MACD-RSI will not be angry from me " can we limit ourselves by upper_reference_price (expert will not open BS upper than thatlevel) and
(lower_reference_price :expert will not open SS below this price) , these prices can be implemented by (fixed distance (user defined parameter) from the current reference price in both directions)
at least if the idea is accepatable and may lead to profits , lets think about it after July ,

I don't know if we can solve it by the current expert with some sttings , at least I can't find a way to do this.



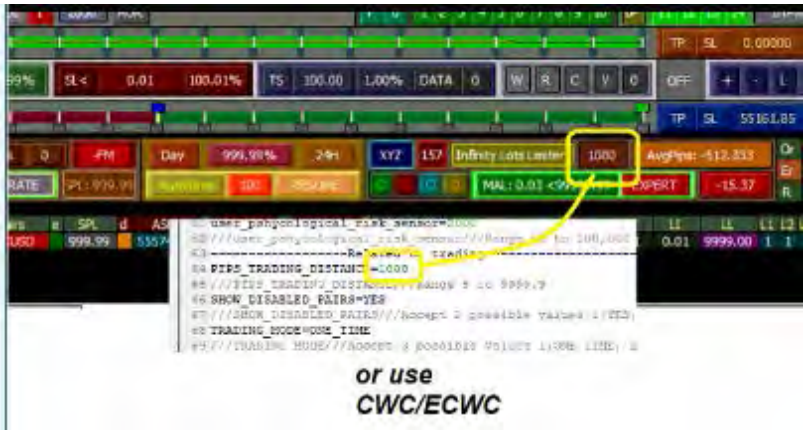
Post #6066

in the attached picture , expert will not open BS higher than 800 pippets than ref price . and it will not open SS 800 pippetes below reference price.



NO, expert is wrorking 100% with you according to your setting. you now prove that 1000 button is 100% accurate.
reason: phuclockbs, not me or my expert, not zreboo, limit **orders pip range** to 1000 pips/tripettes.pipettes

so for O=D=300, **WE ONLY EXPECT 3 ORDERS** TO BE EXECUTED



IF YOU SET OMAR-AMIR VARIABLE 😊 to **9999.99 (***max limit is 9999.9 pips/tripette/pipette)* -- it almost mean: *there is no pip limits*

do it once at yur live

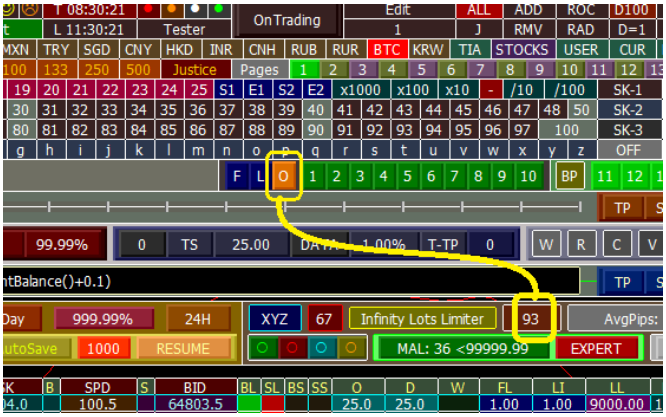
this feature is good for SS, BS orders

a) Post 6485

O: OmarAmir idea post6020, If MS or MB of at least single pair reach max pip distance you will be alarmed by Orange color---Blue: normal (no alarm)

L: PairLotLimiter
F: FreeMargin below user min FreeMargin
all **3** are just **alarms**---not like 10 conditions.

please main mates: take care of the thread
A38 solve all remaining minors

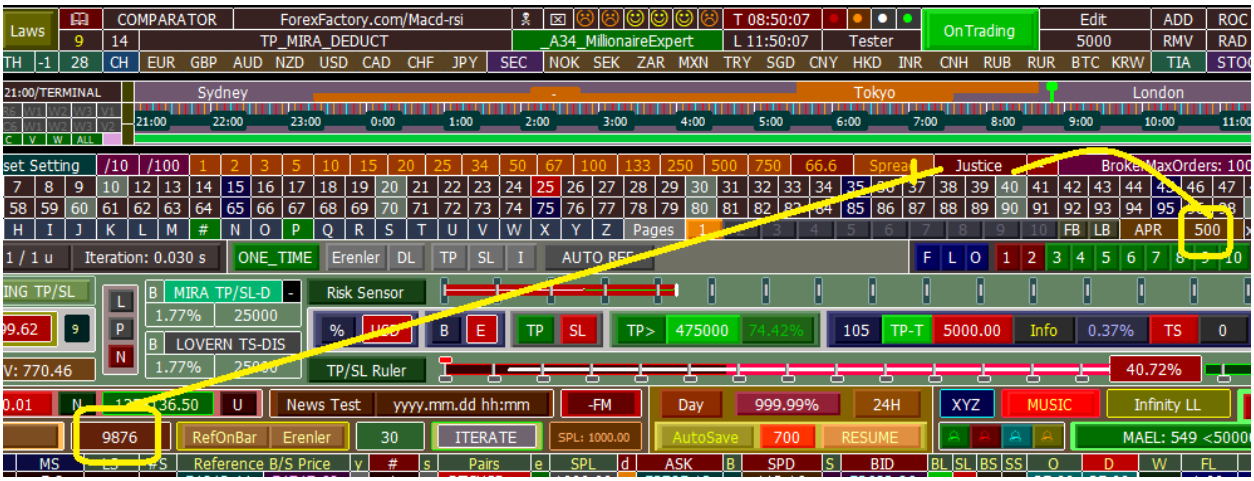


9) Automatic Price Reference (APR)

Automatic Reference Based on Pip Movement

(*Different from PTD, Reference B/S Price will automatically refresh based on predetermined Pip Movement)

Now **PTD** and **APR** are linked to justice button:



Any input (not output) measured in pips is linked to Justice as an option not a mandate.

output like: MS, MB, these are calculated so not applicable
but input like TP , O, D , APR, etc..

PTD: Pips-Trading-Distance
APR: Automatic-Price-Reference

22- Trading Online with three modes:

Update:

Post #

9-possible modes for SL/TP:
I button, for stupid brokers, to allow expert to change SL or TP untill it is accepted by broker in incremental step that **YOU** set it in default file, as has been explained 3 days ago.
to deactivate **I** click on to be **GRAY**

TP is shown and SL is shown

TP is shown and SL is hidden

TP is shown and no SL

TP is hidden and SL is hidden

TP is hidden and SL is shown

TP is hidden and no SL

no TP and no SL

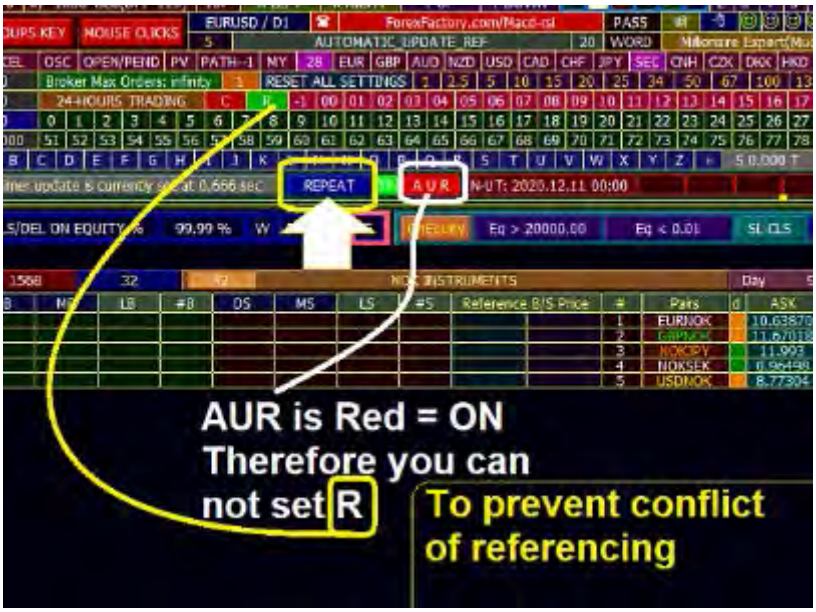
no TP and SL is hidden

no TP and SL is shown

1) Ref Hour R and Repetition Mode

Ref Hour R and REPETION MODE

If you set R at specific hour let us say 13:00,
then you are tarding using REPETION MODE:
1-- if AUR is OFF, then no change to R-Hour
2-- but if AUR is ON "RED" -- expert will immediatly reject your R-Hour
if you try to set R agin, you can not. expert **reject** always



2) Erenler TP

Post #5860

if you know in advance **average price** of EURUSD **BUYs**
then you choose Erenler TP, with each new order buy on EURUSD, TP will be adjusted accordingly **after some time** determined by **you** to accomodate for new order.

not me, not the expert, but **zreboo** choose ERENLER_TP_TIMER at **180** seconds. = 3 minutes.
this 180 is not my setting, it is zreboo setting. who chooce it not me.

so there is a new order ENTRY on EURUSD at 22:12:37
at 22:15:37 TP of all EURUSD position will be modfied to include last entry
but if there is a new order at 22:14:12, TP process will be delayed to 22:17:12 instead of 22:15:37

in this way , we make expert fast, since there is less iteration.

just imagine there is 500 orders on EURUSD!! WILL heat your PC!! if iteration done each 1 seconds!!

A00_MillionaireExpert.mq4 | hidden_pending_orders_repeat.mq

```
85 ///SLIPPAGE_IN_POINTS///Range 0 to 999
86 risk_mode=BP
87 ///risk_mode///Accept 5 possible values 1) BP, 2) MI
88 USER_ORANGE_NUMBER=66.6
89 ///USER_ORANGE_NUMBER///Range 0.10 to 999.99
90 ITERATE=NO
91 ///ITERATE///Accept 2 possible values 1)YES, 2) NO
92 ONE_PAIR_ITERATION=32
93 ///ONE_PAIR_ITERATION///Range 2 to 999
94 JUSTICE=NO
95 ///JUSTICE///Accept 2 possible values 1)YES, 2) NO
96 ICAN_CURRENCY=USD
97 ORACHEAL_ACTIVATE_TYPE_AGAIN=YES
98 ///ORACHEAL_ACTIVATE_TYPE_AGAIN///Accept 2 possible
99 ------------------Related to Timers-----------------
100 ///ALL FIRST 8 PARAMETERS ARE SET IN SECONDS-UNIT
101 ORACHEAL_CASE_TIMER=360
102 ///ORACHEAL_CASE_TIMER///Range 5 to 1,000
103 ERENLER_TP_TIMER=180
104 ///ERENLER_TP_TIMER///Range 5 to 1,000
105 Iteration_Timer=0
106 ///Iteration_Timer///Range 0 to 360
107 Expert_Timer=1
108 ///Expert_Timer///Range 0.10 to 3.600
```

if market is goining against you an before TP time, there is a new order. TP process is delayed. this is the smart point here.
only at spare times (no entry periods) TP work.

and each pair is **independent** of any other pair. Always 180 from last entry for that pair.

for example **GBPNZD** may be modfied at 22:12:46, but EURUSD at 22:14:13.

please try it with danger setting and observe time of entry, record it on external paper, and wait you ern time**, , then feedback us.**

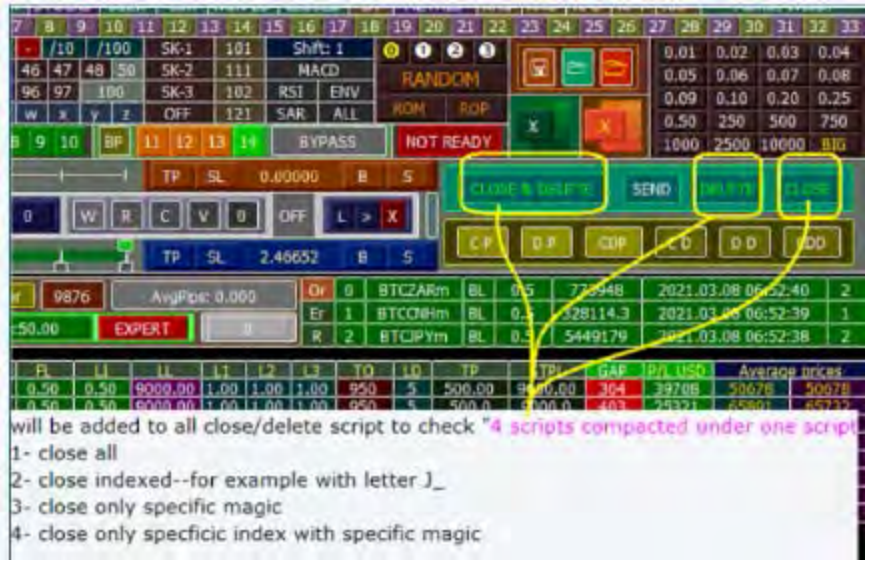
TP-ERENLER is always againts TP button, they can not be ON at the same moment. one cancel other.

and it works only with ONE_TIME mode.

23- Various Scripts: Close-Delete-Modify

Updated: Post #6787

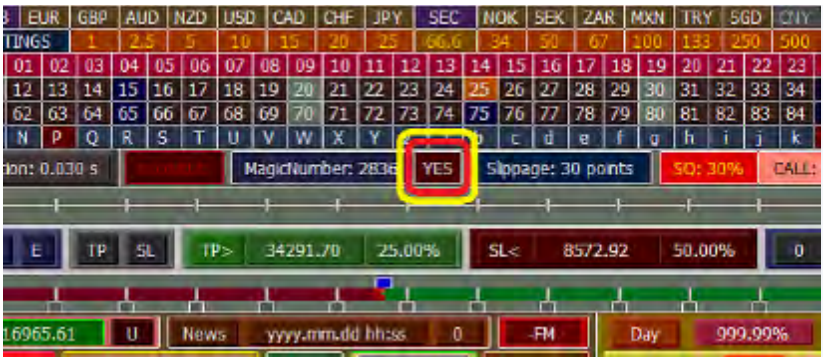
now you can easily validate expert scripts work through expert/journal log tab
let us start first lesson on CLOSE button and validate for 4 all cases:
1- close all(regardless of index and magicN)
2- close magicN(regardless of index)
3- close index(regardless of magicN)
4- close magicN with specific index



case-3: close indexed with index **A**
index is the first character of OrderComment
steps: before clock on CLOSE
1- choose A instead of ALL
2- be sure Magic status is GRAY = OFF

but if you want to close **any A-order with specific Magic** number--make Magic-status dark-RED(BROWN) with **YES** value

in picture expert will **close / delete / modify / calculate** only for orders with magic 2836 and index-A and will ignore other orders



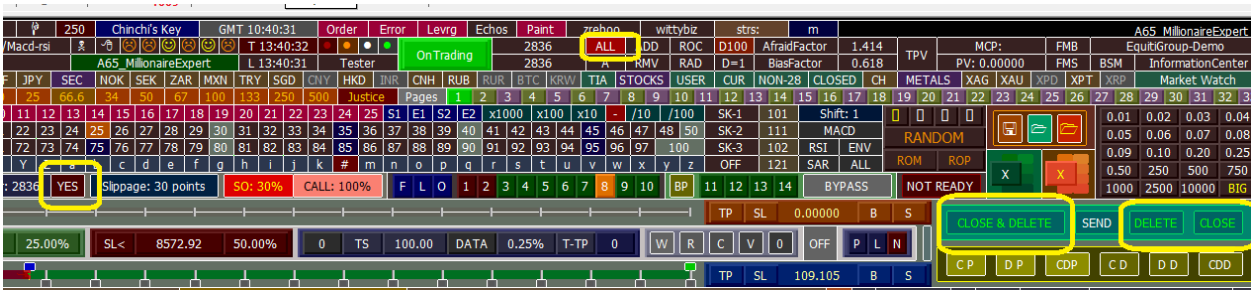
close-all

if you want to close all, simply choose **ALL**, then click on **CLOSE**

make sure first that Magic status is NO

close specific magicNumber orders regardless of INDEX

just make **magic** status **YES**, and choose **ALL**



also 4 cases are applied for any math calculation

for example PV
Do you need PipValue of orders indexed with letter **J**
Do you need PipValue of orders with magic number **6527** regardless of any index
Do you need PipValue of orders indexed with letter **J** that has magic **6525**
Do you need PipValue of all open orders regardless of any index regardless of any magicNumber ??
??

also this system s applied for all expert functions
for example for **SMART** TP/SL system
for various AVREGHE-CURRENT-ENTRY scripts
for **ERENLER** avg system
for hidden or shown TP/SL orders
etc...

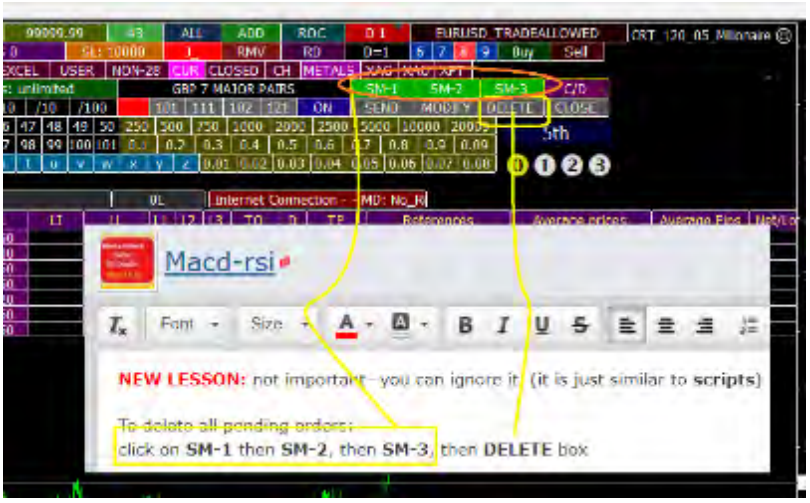
YOU who decide
actually it is multi-experts inside one expert capsulated under single button

Do you need PipValue of orders indexed with letter **J**

so each script/expert/math button(external or internal) is in fact 4 scripts/experts/functions

Older versions:

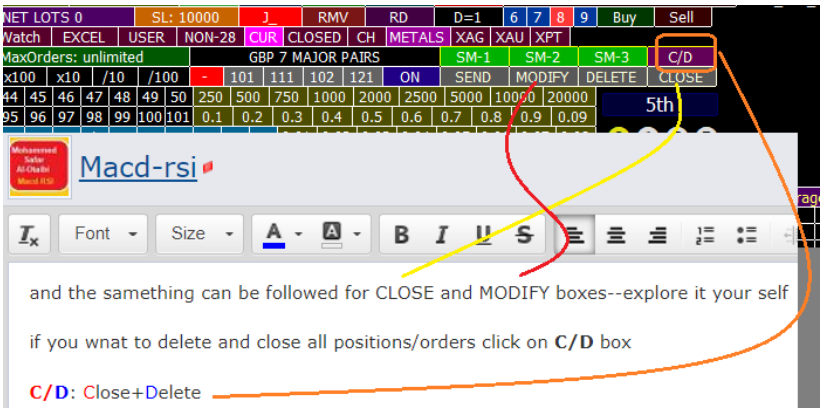
To delete all pending orders:
click on **SM-1** then **SM-2**, then **SM-3**, then **DELETE** box



and the samething can be followed for **CLOSE** and **MODIFY** boxes--explore it your self

if you wnat to delete and close all positions/orders click on **C/D** box

C/D: Close+Delete at the same time



24- Manual Orders

1) Off-Line Orders

"Placing non-hidden Pending Orders"

Placing all Orders based on Script (NOT EA), EA do not be turned on for this method of placing orders, but broker is able to see all your pending orders.

Test: do the following steps in sequence:
1- Click on **SPARAM**--to be RED
2- Click on **EUR**---RED
3- Click on "**100** Orange"
4- Click on "**PAIRS**"
5- Click on ReadyMadeDummy "**8**"
6- Click on "**TO**"--- Now all total orders will be 8
9- Click on ReadyMadeDummy "**2**"
10- Click on Ladder **D** -- Now D=2 for all
11- Click on "**SL**" to deactivate SellLimit orders
12- Click on **SM-1** -- to be Green box
13- Click on **SM-2** -- to be Green box
14- Click on **SM-3** -- to be Green box
15- Click on "**SEND**"

SEND-28P-SL-SS O=D=5,FL=0.05-101-TP250
OFF-LINE-ORDERS

Only SELL POISTIONS (SS+SL) WITHOUT TECHNICAL THINKING FOR ALL 28 PAIRS

3	AUDUSD		0.76049		1.7		0.76032					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
4	NZDUSD		0.71273		2.3		0.71250					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
5	USDCAD		1.27624	↗	2.2	↗	1.27602					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
6	USDCHF		0.88306		2.1		0.88285					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
7	USDJPY		103.466		1.6		103.450					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
8	EURGBP		0.90660		2.3		0.90637					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
9	EURAUD		1.61184		2.8		1.61156					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
10	GBPAUD		1.77824		5.7		1.77767					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
11	AUDCAD		0.97048	↗	2.5	↗	0.97023					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
12	AUDCHF		0.67154		2.6		0.67128					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
13	EURJPY		126.806	↗	2.2		126.784					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
14	GBPJPY		139.889		2.9		139.860					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
15	NZDCAD		0.90951	↗	2.8	↗	0.90923					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
16	NZDCHF		0.62945	↗	4.7		0.62898					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
17	EURCAD		1.56411	↗	3.6	↗	1.56375					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
18	GBPCAD		1.72548	↗	4.7	↗	1.72501					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
19	AUDNZD		1.06720		2.6		1.06694					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
20	CADCHF		0.69204		2.9	↘	0.69175					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
21	EURCHF		1.08225		2.8	↘	1.08197					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
22	GBPCHF		1.19391		4.0		1.19351					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
23	AUDJPY		78.683		2.5		78.658					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
24	NZDJPY		73.739		2.5		73.714					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
25	CADJPY		81.087	↘	2.4		81.063					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
26	CHFJPY		117.192		3.4		117.158					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
27	EURNZD		1.71995		3.2		1.71963					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0
28	GBPNZD		1.89742		4.6		1.89696					5.0	5.0		0.05	0.00	9999.00	1		1	20	5	250.0

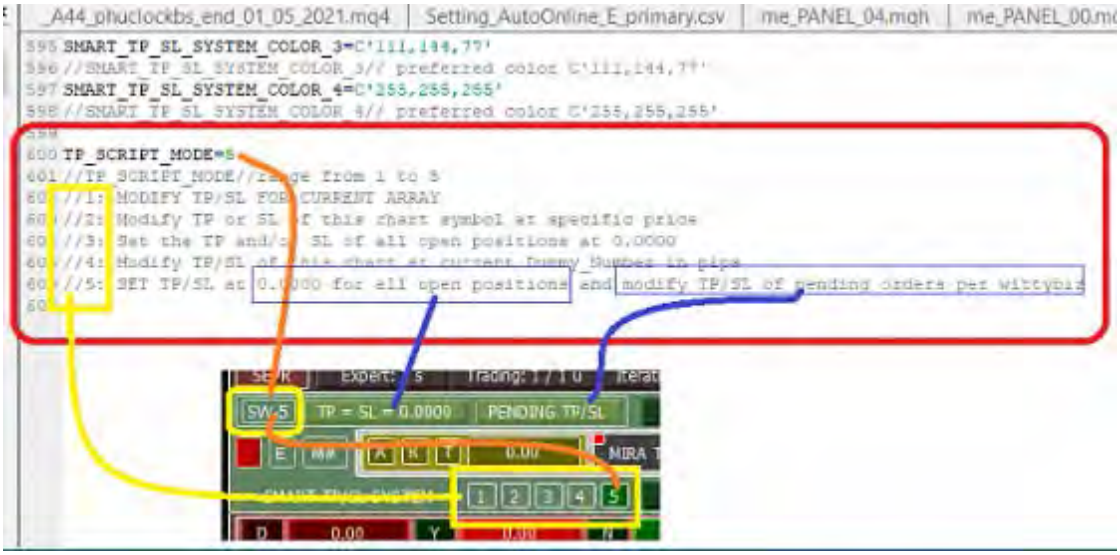
if price goes **up**, find sell-limit
- if price goes **down**, find sell-stop

25- Editing TP and SL prices

Updated Version: TP Script Mode

Post #7809

and finally 5 script options are well-documented:

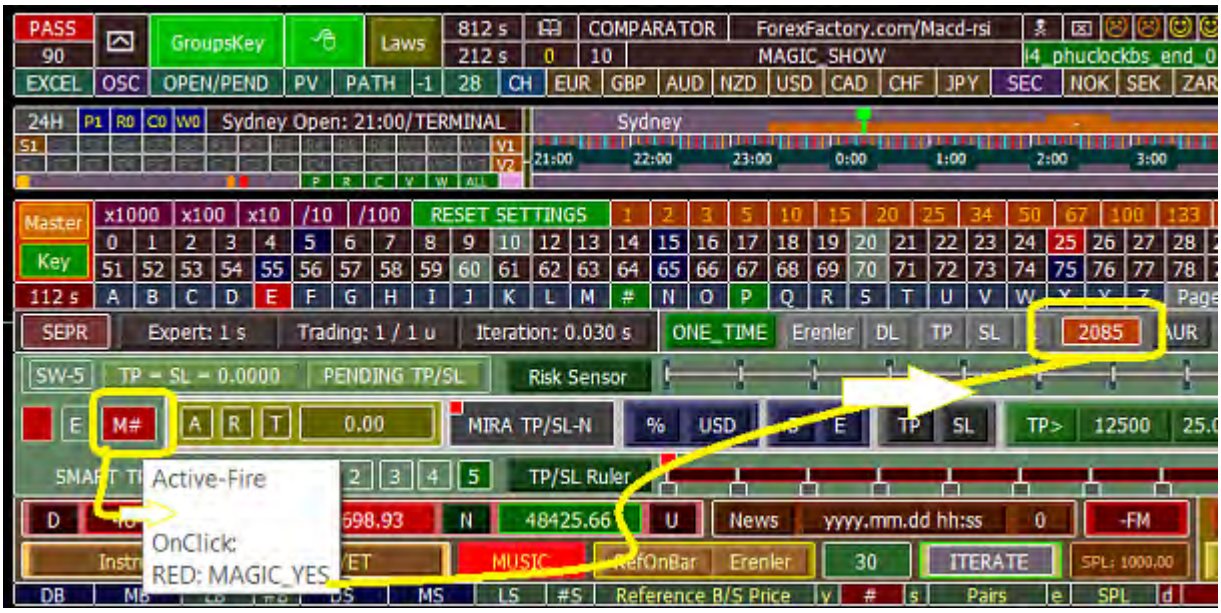


also all main buttons grouped up, and given value of FALASI-like to ensure safety and enforce you to go first to defaults.

aDefaults is replaced by _Defaults.csv
so no need to delete old files, even if they are uselss now for any comming version-- it is up to you!

Post 7817

grouped together (all 12 cases related buttons beside each other -- they are 6 buttons)
to activate Magic--click on M#, then the color of passive elemnt will be changed also.



12 cases: 6 buttons
three buttons: A R T
three buttons empty(for ALL) + index + M#

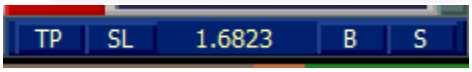
M# is the abbrev. of the **MagicNumber**

Old Version for Posts Below:

Blue bars for chart symbol
Brown bars for Array or ALL --as explained

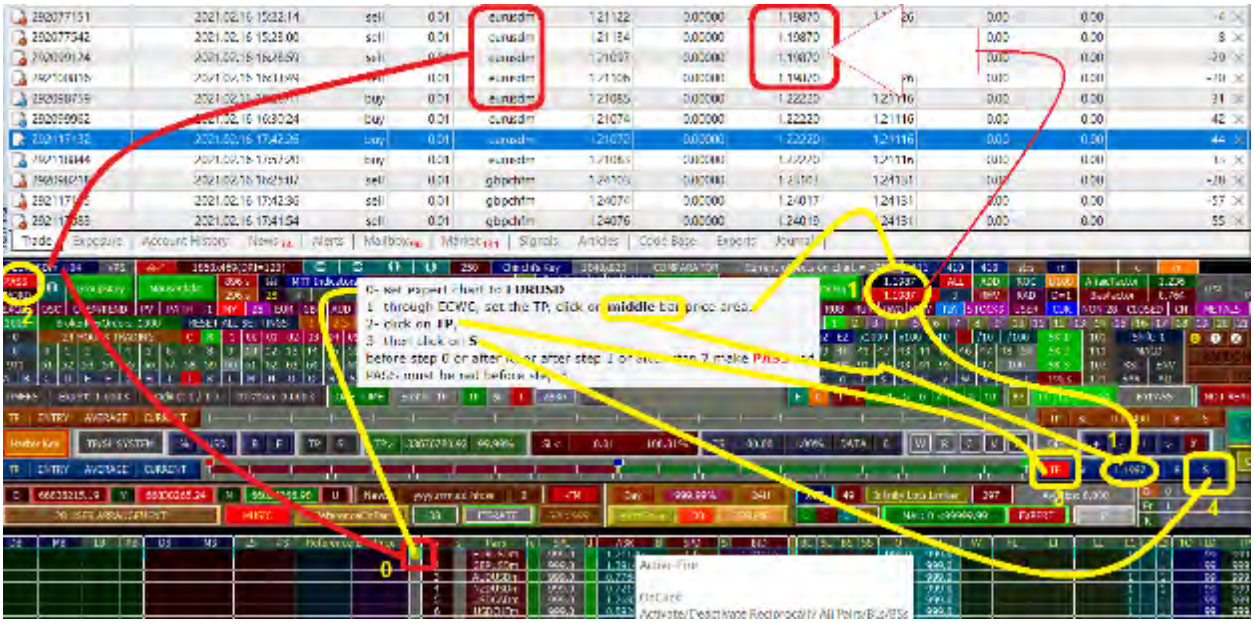
Post #5844 (Note: I changed the sequence of how Macd presented it in his posts, for my understanding)

1) SPECIFIC Pair @ Specific Price



Change TP/SL by entering specific price, based on Chart Symbol which the expert is placed on

Set TP for specific pair at specific price x.xxxxx
pret: i want to set TP for Sells on EURUS at unified fixed price at 1.1987.
mt4cant:
0- set expert chart to **EURUSD**
1- through ECWC, set the TP, click on **middle** bar price area.
2- click on **TP**,
3- then click on **S**
before step 0 or after it, or after step 1 or after step 2 make **PASS** red.
PASS must be red before step 3



hints:
1- if yoyu click on S or B before SL or TP, then will be rset when you click later on TP or SL.
2- You have **4** options:
----1: change TP of Buy B
----2: change TP of SELL S
----3: change SL of Buy B
----4: change SL of SELL S
3- impossible to change SL and TP at the same time, if TP is ON , SL is **automaticaly** OFF-----common-sense rule.
4- impossible to change B and S at the same time, if S is ON , B is **automaticaly** OFF----------also

common-sense rule.

a) How to close specific direction on single pair

phuclockbs: I want to set TP of my 34 open buy positions on **BTCUSD** at price **61234.55**, due to technical reasons? how can I do it??
40PipsAlan: Follow next steps:
0- Set current chart to **BTCUSD**

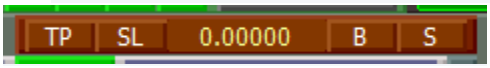
1- Check first if **PASS** is red,
2- Set TP at **61234.55** through CWC--click on the middle of the bar, **on price area**
3- activate **TP**
4- click on **B**------ denotes BUY

ype	Size	Symbol	Price	S / L	T / P	Price	Commission	Swap
buy	20.00	btcusdm	58431.94	0.00	61234.55	58510.30	0.00	0.00
buy	20.00	btcusdm	58431.98	0.00	61234.55	58510.30	0.00	0.00
buy	20.00	btcusdm	58431.98	0.00	61234.55	58510.30	0.00	0.00
buy	20.00	btcusdm	58434.53	0.00	61234.55	58510.30	0.00	0.00
buy	20.00	btcusdm	58436.89	0.00	61234.55	58510.30	0.00	0.00
buy	20.00	btcusdm	58436.89	0.00	61234.55	58510.30	0.00	0.00

3 122 205.53 Free margin: 4 556 008.90 Margin level: 245.92% 17

Mailbox 22 | Market | Signals | Articles 1009 | Code Base | Experts | Journal

2) ALL (OPEN only) Orders @ Specific Price (0.0000)



Change TP/SL, for ALL OPEN Orders based on specified price

NewLesson: Set TP and / or SL for all orders at 0.0000 for open positions

when finishing any of 9 possibilities, do only two steps|:
1) **PASS** is red,,,,, 2) click on **0.00000**

4 parameters: TP - SL - B - S

1- TP and SL for Buy B only. S non red
2- TP and SL for both Buy B and Sell. click on all 4 to be red
3- SL for Sell. ONLY sl and S are red. please do all steps in less than 0.7 seconds.
4-
5-
6-
7-
8-
9-

you can complete these contents . . . it is very simple to recognize.

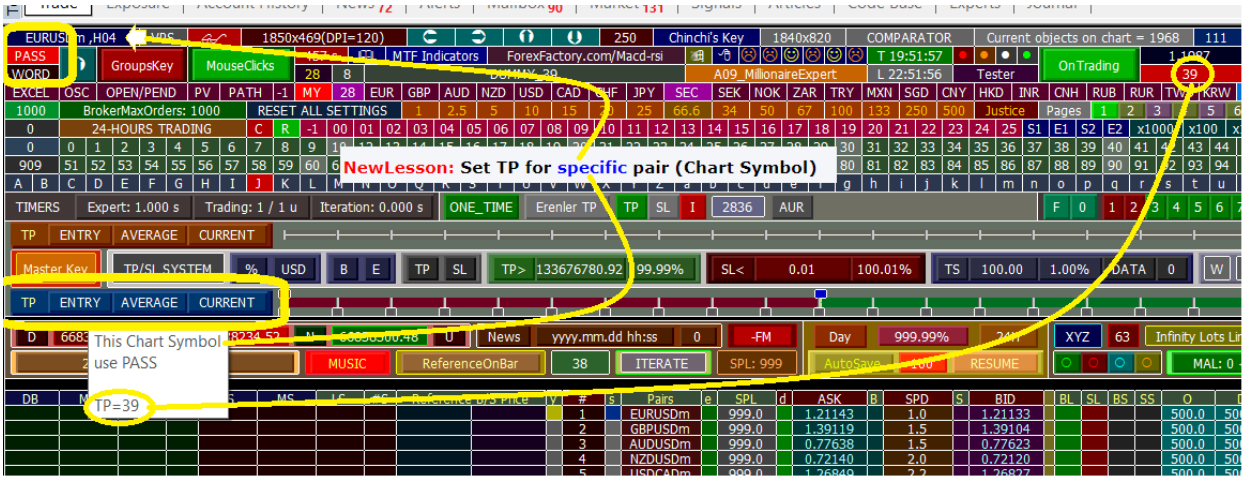
3) Specific Pair @ Dummy Number

Change TP/SL by Dummy Number, based on Chart Symbol which the expert is placed on

Set TP for specific pair (Chart Symbol)

similar step to last lesson, but here TP is the dummy number that you see in dummy field

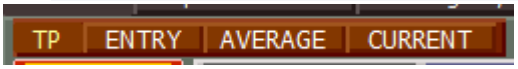
please check for last two lesson, journal/expert page.



for last two lessons: only two clicks:
PASS then either **ENTRY** or **Average** or **Current**

your practice is your guide and your problems-solver

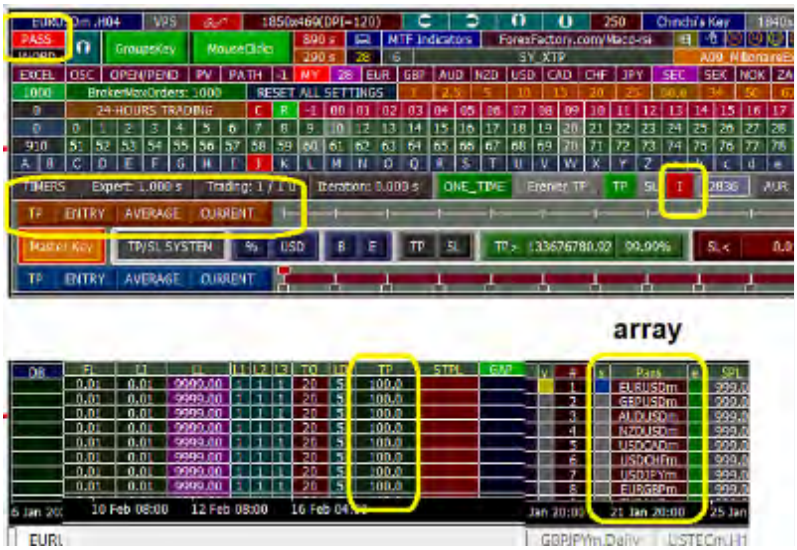
4) ALL (OPEN only) Orders @ TP Column



Change TP/SL to values in TP Column, for ALL OPEN Orders

NewLesson: Set TP array orders
this lesson is very symbol:
- for selected array, you already set or know TP of each pair -- under TP column
you have 3 options:
TP from the current prices
TP for entry price for each order
TP of average price of each pair.

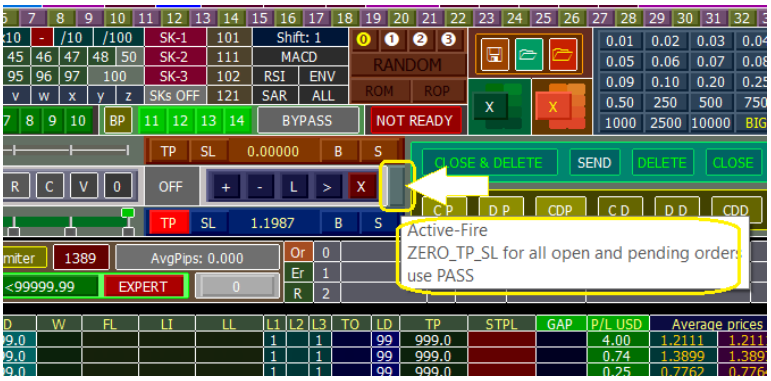
if your broker is a buckshop like EXNESS, you can use I to allow incerement until order modification is accepted.
you aready know fron default files, increment status and values like step increment and number of trials.



5) ALL (both OPEN & Pending) Orders to 0.0000

Change TP/SL, for ALL OPEN and Pending Orders to 0.0000

Set TP and SL for all orders at 0.0000 for open and pending
do you see semi-secret button!!
just click on **PASS** then on **it**.
and observe.
regarless of array
regardless of chart symbol



read "all orders" five times
i use "**and** " , not "or" in the title

try it please
"PASS" also pass **mouse clicks** if it is OFF.

26- Timers

1) Expert Timer

Post #5898

let us check the possible max pause order execution on max ranges:
expert: 3600 = 1 hour as mentioned yesterday
trading 360 updates.
iteration 6 minutes.

therefore if we choose these values, after **360 hours** (1 hour * 360 updates)first order will be executed,
then second order after 6 min and so on **till the last dashboard pair.**
then we wait another 360 hours

360 hours = **15 days** 😊

first order after 15 days
second order if any after 15 days plus 6 min (inside iteration loop over 28 pairs)

i explained in last 3 posts true situation--please read them carefuly
for **normal** news volatiliy i recommend quick entries, to get best price level
but for **crackdown** volatility better higher timers.

quick best profits at shortest time comes from normal volatility--if possible all orders executed at the same moment

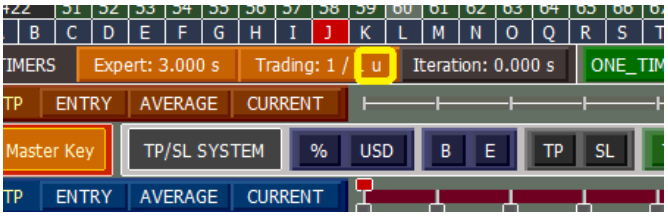
Post 7723

ExpertTimer is very important and must be compared to total number of group instruments:
let us say 1 seconds for each 10 pairs.

may this solve conjestion on sacred chart!

now everything is completed 😊

2) Trading Timer

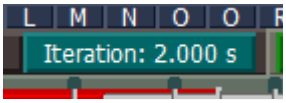


its measurement unit is u , not seconds

u: first letter of updates (special time unit)

maramir: when i choose expert timer at 3 sec, that mean i will see data updates each 3 seconds. for example ASK/BID prices, and expert will make quick visit to order entry functions either one-time or repeat, etc...
minella: that is completely wrong. what you see will be correct only in one case: when TimerUpdate is 1.
NSC-Mal: i guess if TimerUpdate is 7 u, then dash values update plus trading functions will be updated each 21 seconds: 3 sec/u*7 u = 21 seconds
Macd-Rsi: yes MSC-Mal. that is exactly what must happe

3) ITERATION button



Post #5865

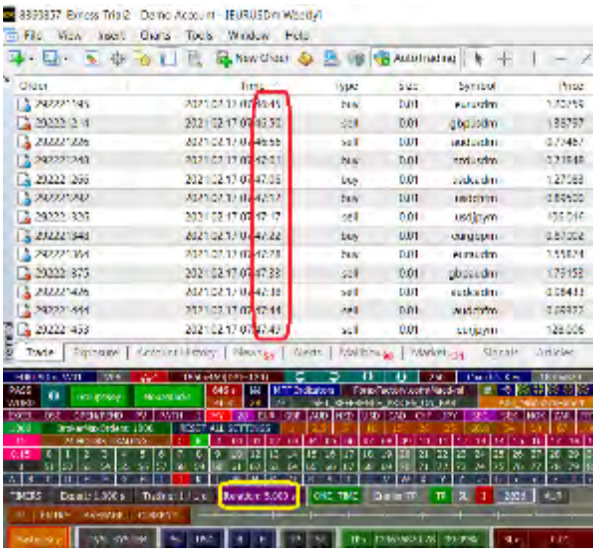
Iteration timer
one of most essentail parts of the expert.

..
..
..
..
do you remeber GBP crash two years ago.

for the same exact setting:
if yoy choose 0.0 second you **loss** your accout
if you choose 20 seconds, your account is **doubled**

look at pciture, i choose **iteration = 5 seconds** throwgh CWC-method
look at orders list, each 5 second a new order, even condition are satisfied for each pair for many orders--i choose refOnBar **weekly**.

it is a matter of time.

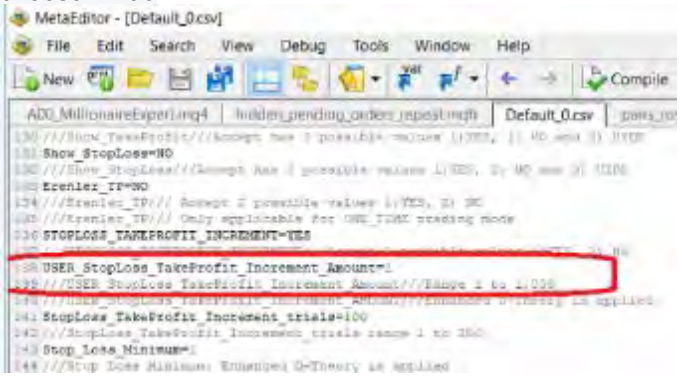


some orders aftre **6 seconds**!!! you know processor isues and an internet status!! error of 1 second is tolerated.

new order entry is done when normal conditions is satisfied, then **after new order entry by some time**, TP of all orrders of that pair will be changed, for all sell and all buy positions.
I is optional
if you choose it--re I:
If broker accept your order, it is ok, no effect of I
But if your broker reject TP level due to stopLevel issues, the TP will be changed to far level. if it was originaly at 1.1900, it will be changed to 1.8950 FOR EXAMPLE
and so on till it wa accepted by the server.

change from 1.1900 (rejected value) to 1.18950, is detrmined by YOU, not by me, not by expert.
PLEASE READ 10 TIMES: ALL THE TIME EXPERT AND ME ARE 100% CORRECT.

The reason is: **YOU** choose 1 at default, that mean 1 pip for EURUSD, 1 trippete for UT100----if you choose D100



LOOK AT COMMENT|: enhanced-D-Thoeru is applied--- that mean it will change 1 to 10 or 100 or keept it at 1
and since it is enhanced--for BTCKRW, 1 will be changed to 1000 for example.

if D100 is selected
and TP originaly must be at 1.1900

and incremenmt is 1 pip
then if 1.1900 is rejected by your broker, TP will be changed to 1.1900 minus 1 pip = 1.1899,
then if rejected will be changed to 1.1898, then 1.1897 and so on

but if you choose increment of 5,

1.1900
1.1895
1.1890
1.1885

till the order is modified by the server.

now zreboo: assume the order for any reason is rejected always by the server?? does the prev process is endless!! iteration continue for infinity???

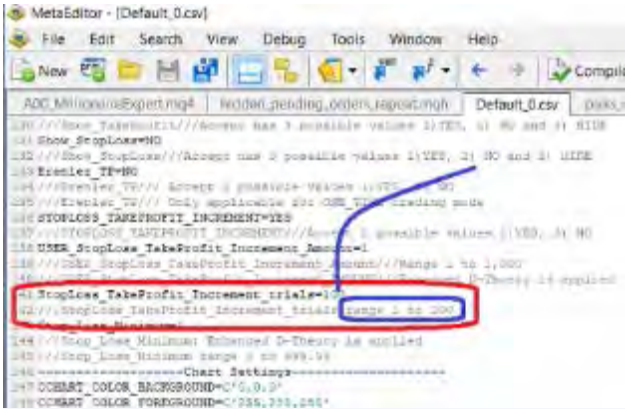
NO

REASON: beacuse of YOU prevent endless loop,
and expert makes limit b/w 1 and 200 of trials.

zreboo, not me neither expert, choose # of trials to be 100 times.
zreboo in default setting make trials = 100

if zreboo make it **398**, will be rejectd by expert and set at max of **200**

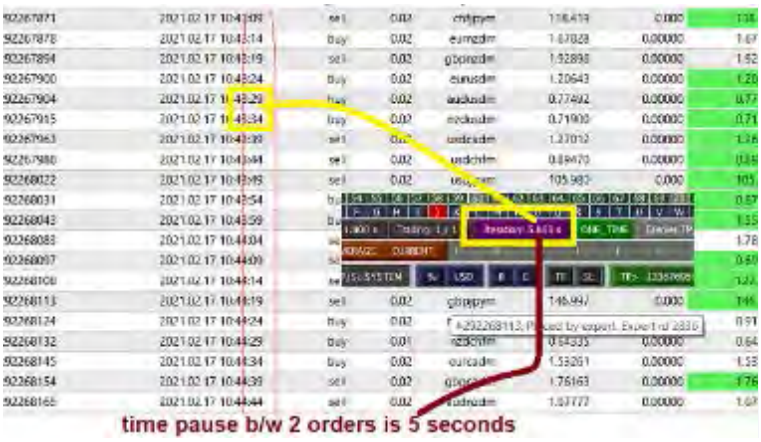
if zreboo by mistake make it 0 or negativ number expert will make it plus **1**



th buckshop EXNESS, EURUSD stoplevel is 22 points = 2.2 pips
so if you make TP at current price, it will be rejected, and only you need 3 trials only
3trials is 3 pips = 30 point whicj is the nearst to 22

and as a trding culture, **zreboo (not me)** know his brokers conditions well before trading with them

i find very smart solution and also with less coding. guaranteed 100%
look no delay
5 seconds mean 5 seconds 😊 😊



4) Increment "I"button

now if I is OFF = gray color, **no increment will occur.**
if TP is rejected, expert will go to next order, and leave prev order as it is.

we add ***I-button*** for buckshop brokers like exness.

I is the first lettre of word **I**ncrement

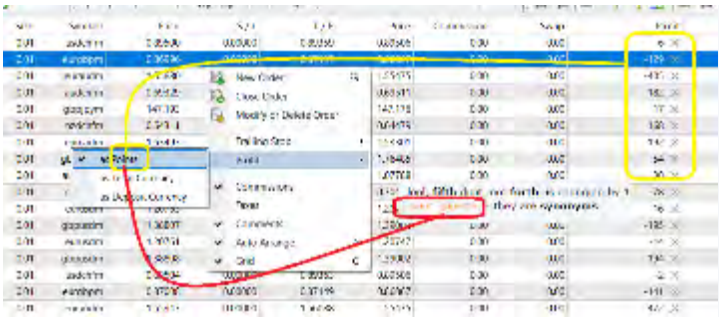
BUT IF YOU CHOOSE **D1**

Your 1 in default file will be treated as a pipette, not pip
therefor there will be 23 or 22 trials, instead of 3

1.19000
1.18999
1.18998

look, **fifth** digit, not **forth**, is changing by 1 point
point=pipette -- they are **synonyms**

do not forget **basics**: trading terminals only know **pipettes**. it will never recognize pip meaning



27- Time Bar (Trading Hours Allowed)

T = Broker Terminal Time

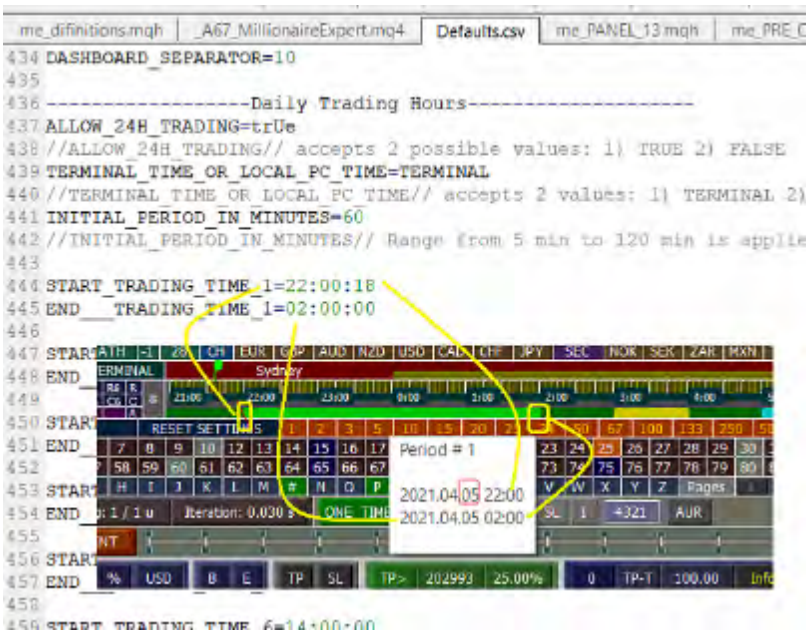
L = PC Local Time

1) How to set time for Expert trading

New Update:

Post 7340

phuclockbs
05 in red, just a type mistake
now you can set trading periods from default even in seconds 😊
the total period you can make it only 3 seconds 😊

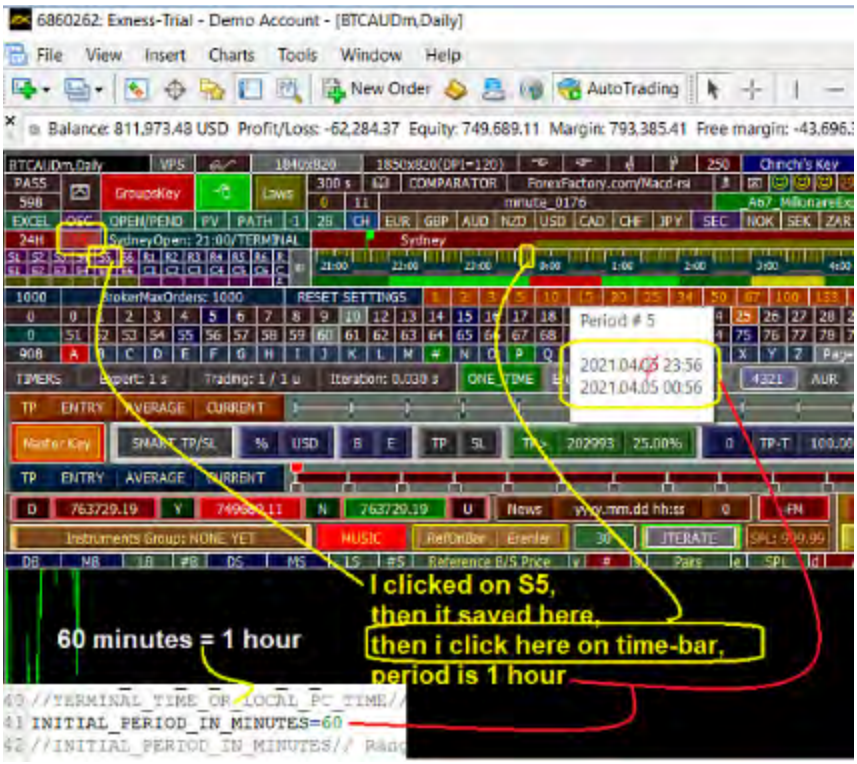


if you click on **S1**, it is red, then you click on time-bar, it will set strating time and at the same time end time of your initial default value, which is: . .

if you want to change period time end, for PERIOD_1, click then on **E1**, then click on time bar, far time

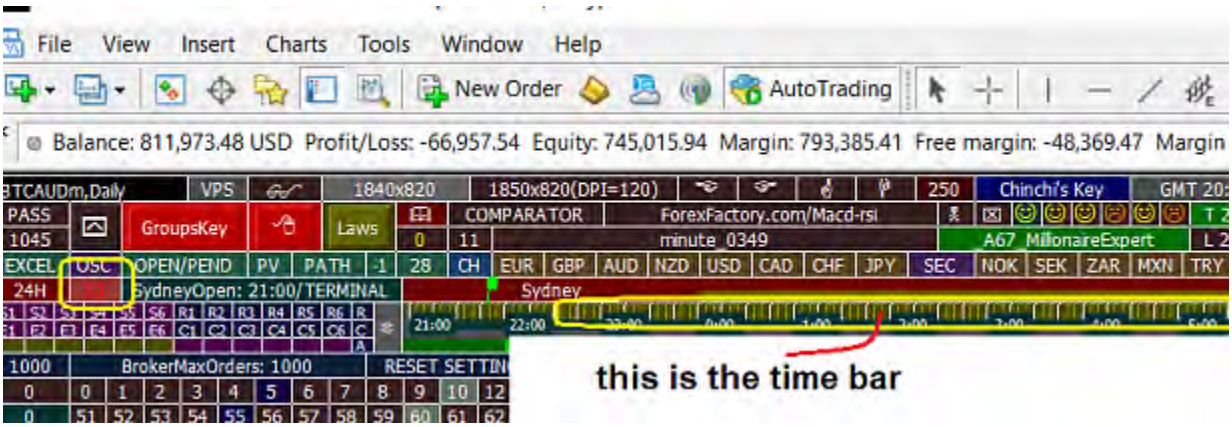
the last button you click on will be saved to know what to do in future,
for example if you see **S2**, then bettre next click to be **E2**

at first with **S**s, period as you set in the default,
but later using **E**s, yu can change end time to make period shorter or longer.



what is better **to click next?**

ans E3---- since S3 saved for eyes.
it will not be saved until you click on time bar



if course uou can click on others---but better to click on E3, sine you already set S3, start of PERIOD_3

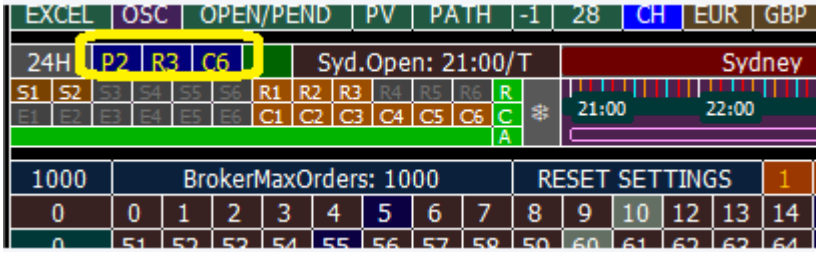
Post 7534

time--bar is now the smartest thing and **easiest** to imagine

also number of period or refs or closes, you can detrmine them-- up to max of 6.

all of that through defaults or CWC

P2: that mean you not me choose 2 trading **P**eriods
R3: that mean you not me choose 3 **R**EFERENCE-intervals
C6: that mean you not me choose 6 **C**LOSE-intervals



look at picture only **S1** and **S2** with **non dark gray color**

3 Rs are non-dark beacuse of you
all 6 Cs are non-dark

dark-gray color = they does not exits

Post 7354

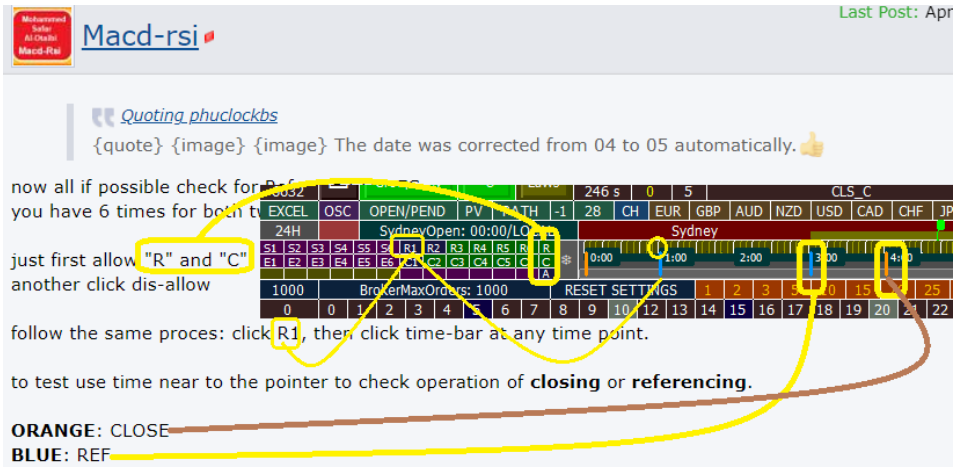
now all if possible check for Refs and CLOSES
you have 6 times for both two

just first allow "R" and "C"
another click dis-allow

follow the same proces: click R1, then click time-bar at any time point.

to test use time near to the pointer to check operation of **closing** or **referencing**.

ORANGE: CLOSE
BLUE: REF



phuclockbs

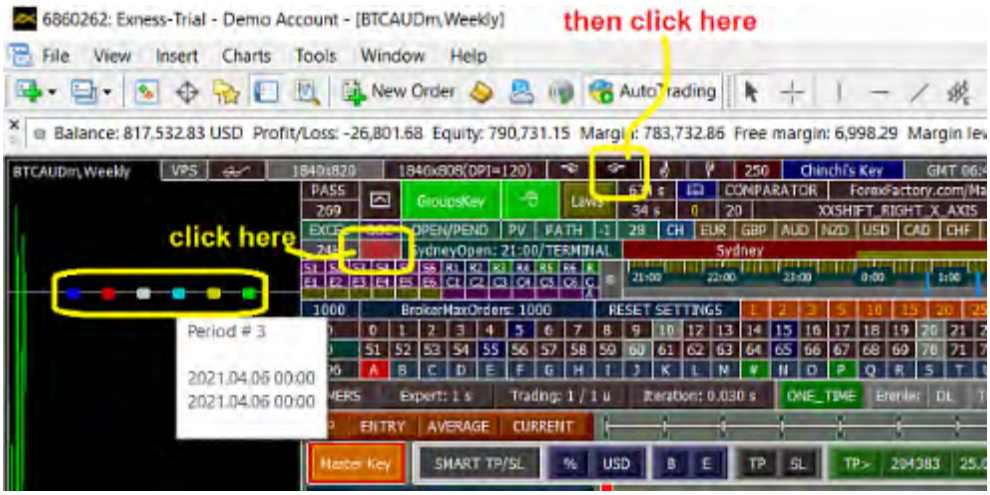
do you try setting trading times in default ans see changes on chart
make first 24h=NO to speed learning

if you make **start** at 13:00 **and** at lower value (against common sense) what will happen?

this is the best way to **cancel** some periods, as if they never exists

you may need only 2 or 3 periods out of these 6 choices

to cancel temporarily **all periods** without effecting any prev setting:



to retain: click again on that anonymous button

2) Trading Time Bar

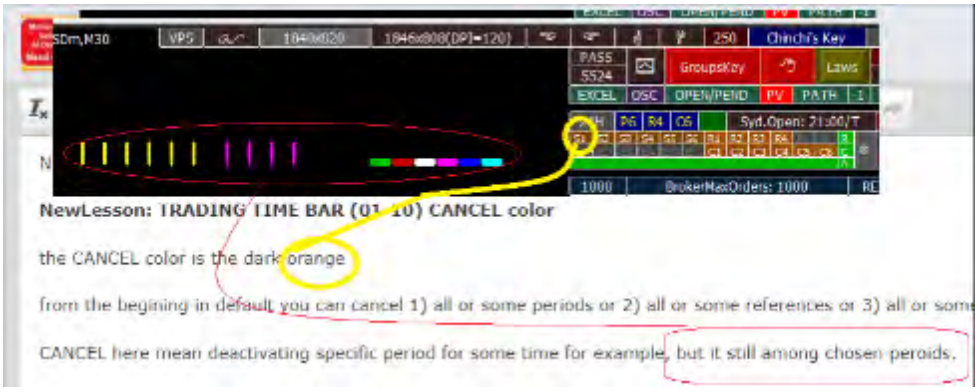
NewLesson: TRADING TIME BAR (01-10) CANCEL color

the CANCEL color is the dark orange

from the begining in default you can cancel 1) all or some periods or 2) all or some references or 3) all or some closes moments.

CANCEL here mean deactivating specific period for some time for example, but it still among chosen peroids.

look at all 16 objects--all in the past, --- CANCEL: epert make what has been cancelled in the past. so it unreachable



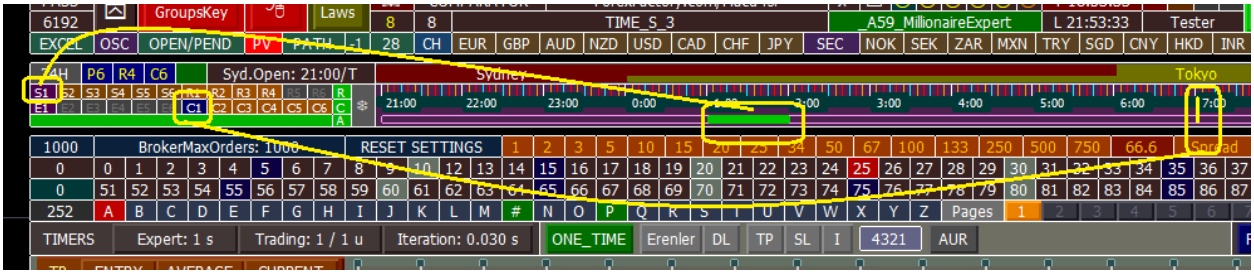
you not me, choose PERIOD_1 color in defaults to be LIME-color
first click after dark-orange??

NewLesson: TRADING TIME BAR (02-10) How to activate specific P/C/R

just click on S1 to activate PERIOD_1 or any other S
and click on R2 or any other R
and CLICK on C3 or ony other C

you will notice S1 color will be **blue**
blue = you change P, R or C from CANCEL state to online-state--it is now will affect your trading

P here include (S and E)
R for exsmple will be postioned according to your default value or last value you chose through CWC, before you CANCEL it minutes ago.
i clicked on S1 and C1

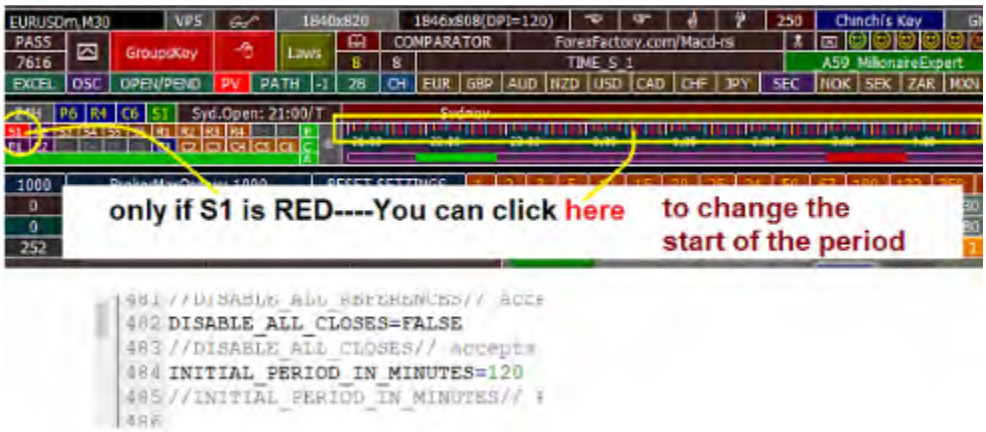


you not me, choose PERIOD_1 color in defaults to be LIME-color
second click after dark-orange??

NewLesson: TRADING TIME BAR (03-10) to choose specific period (red S1)

we solve many issues using **triple-click** concept
now you activate PERIOD_1 --- S1 is now not dark-orange--its blue-pink color
second click will make it RED

only RED color **allow you to click on time bar** to change time period from 07:00-09:00 for example to 11:00-13:00
assuming you set initial period at 120 minutes.



the S1 buttin after bar-click will come bak to blue-pick color

third click you will CANCEL this period ----- dark orange state
this is applied for all Ss, Rs, Cs, Es

NewLesson: TRADING TIME BAR (04-10) R1 is BLUE while R2 is GREEN
that mean: if both are not darkOrange, nither DarkGray: **ON-status**--they are active.

R1 is **ON** and R2 is **ON**
but
R2 after pointer: the expert will auto reference all prices when pointer reach R2 moment.
R1 before pointer, there for no ref till next day when R1 becomes after pointer.

when pointer ref prices for one seconds, then it will bcome immediatly BLUE color and wait for next date.
is it clear? **phuclockbs**?
to test: make any R after pointer by 1 minutes and observe ref column on dashboard.
all these are applied also for C buttons.

NewLesson: TRADING TIME BAR (05-10) R3 is AQUA-color
imagine R3 is Green (= ready to Ref when pointer reach it)
time now is 02:55
but you decide to change ref time from current R3 time which is 07:00 to time of 11:34
since 07:00 > 02:55 we expect Green color
and now you click on R3 even it is green to change R3 time. we expect RED color
but in this case: the color will be AQUA
AQUA: R3 current time is READY-TO REF+ you can change it on REF bar.

if you click on any time before pointer--you will see blue color instead of green or aqua.
aqua = readiness to change time even if it is under ready-to-ref state.
is it clear?

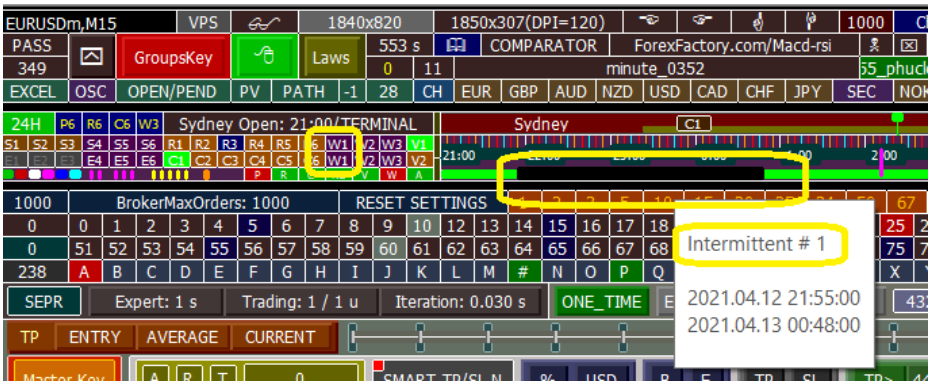
and this is applied for all Rs and Cs

common sense say: **it is not applicable for Ss and Es?** mind can not imagine it since it is interval not a single one-time moments

S1 to E1 is an interval - - - - (interval = period)
while R1 and C1 is one-time moment in the day. it is a 1 millisecond moment or say 0 sec!

a) Black Bar – Intermittent Period (Wait Period)

black bar is an intermmitent period: W1 -- or wait period
even we choose 24H trading, but from 21:55 to 00:48 next day, no trading



you have a choice up to 3 intermittents in this expert
you can make it 1
or 2
or 3 intervals

no trading = no new entries, but reference and close and smart systems.scripts will work normaly
why? common sense rule.

no i will add **rotation**
for example you set start period at 17:17 and end period at 03:00
3 is lower than 17

in currenct version expert ignore it

rotation to make 17:17 this day and 03:00 next day

but will be drawn as green bar:
1- from 17:00 to 24:00
then
2- from 00:00 to 03:00

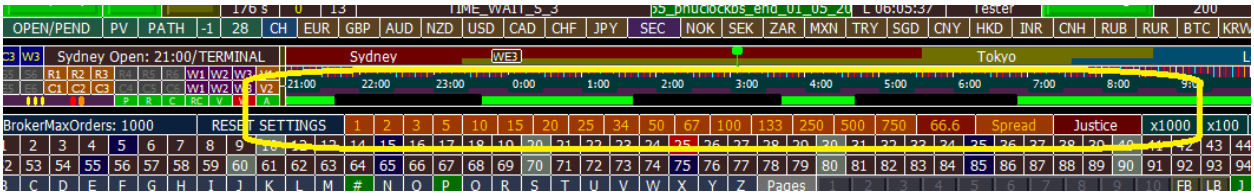
two segments for one epriod

it is tough to code but i will try my bests!

do you notice condition # 7 at time 00:00 for one second??? is it orange at that moment??

notice this night if not if you choose any period till 23:59:59 and 24H is disabled

3 intermittemnts or trading-pauses
look how they displayed:

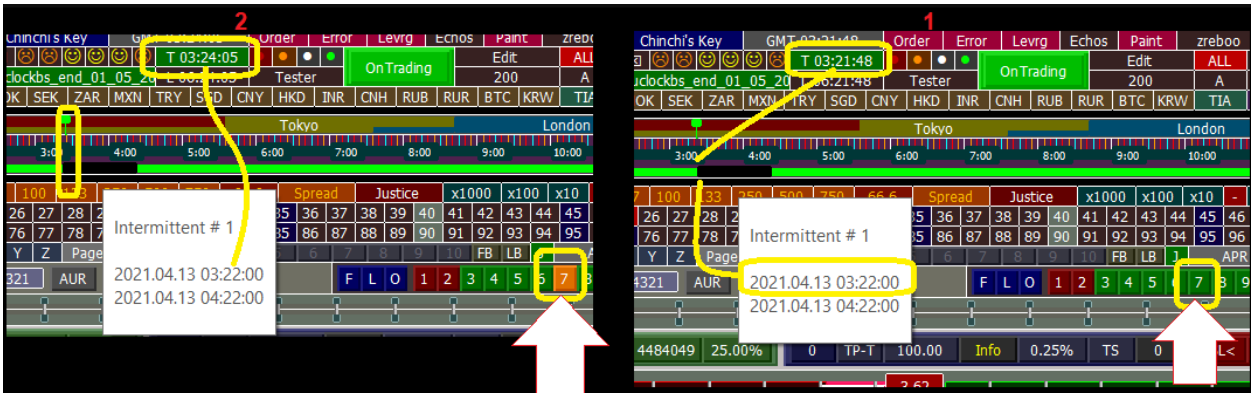


now to be linked to cond#7 (add live to this three black buttons)

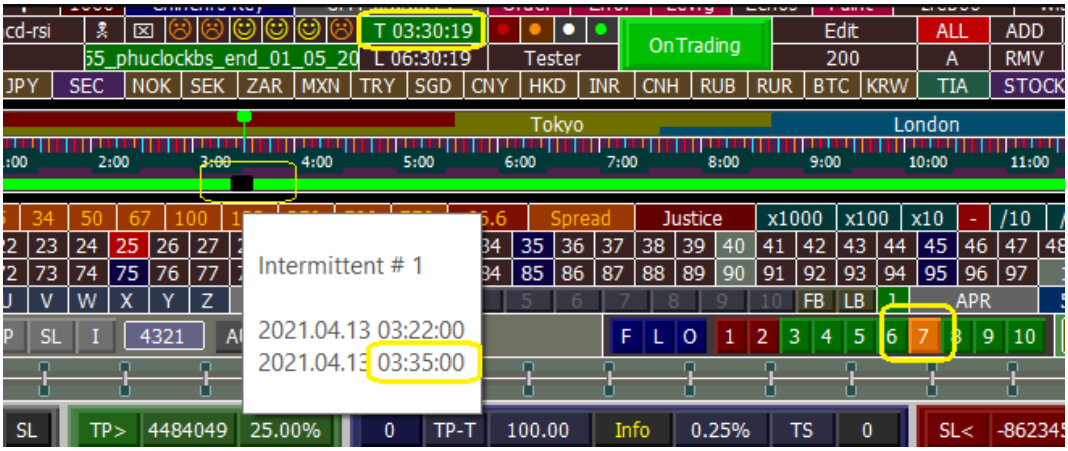
pointer in black area: therefore 7 most be orange
in picture--lower right corner if you can see it is green--still not linked

always
always believe condition#7, if you feel other things are ambiguous

COMPLETED: and tested successfuly
we finish reliability
we finish easiness
no check for coordination



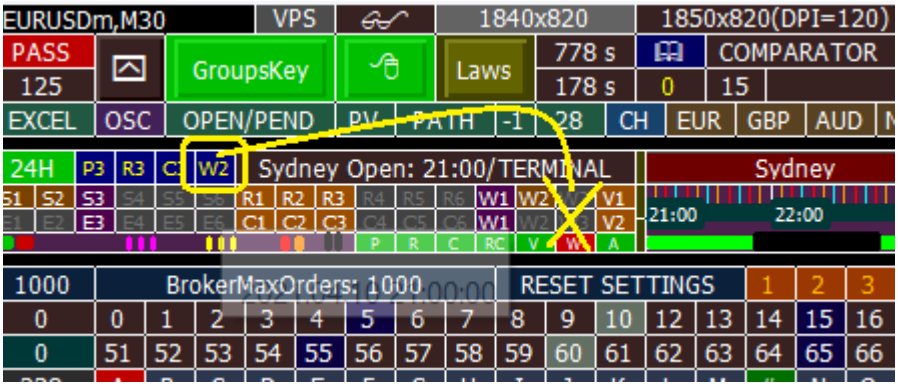
after 5 minutes **condition#7** will be **ON** again



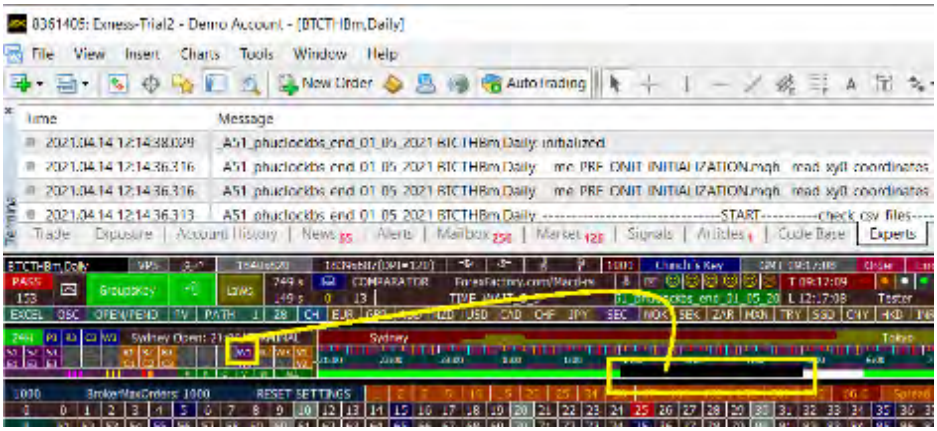
have many uses according to your needs.
let us say you can filter 5 minutes during news or known volatile moments <--- opinion

always do not discuss or ask about opinions. your opinions may be better than others.

Similarly; you can change the **number** of "waits" using **CWC**:



BLACK BAR is thick **and must always be drawn over trading periods.**



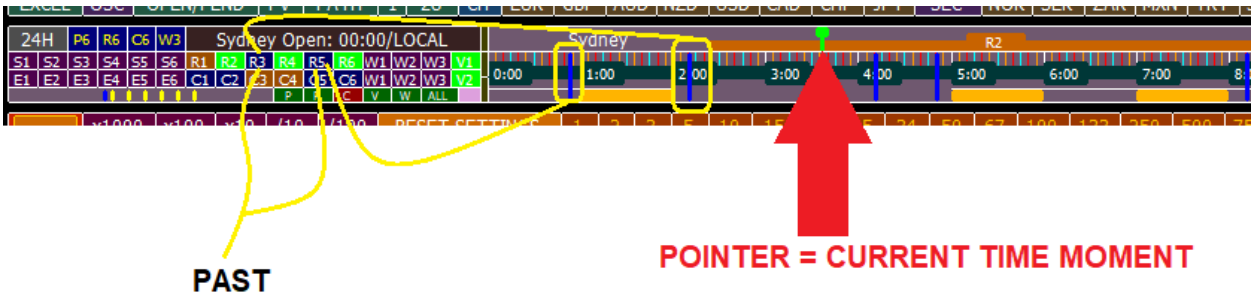
black bar or what others call "WAIT" is just a pause of trading entries.
but Cs and Rs are indpenedent
alsy smart TP system will work normally regaldess of time bar status ON or OFF

Post #7821

blue is the past
green is the future

when **pointer** time passed ref or close or remove time ---- they are **past** ref/close/remove moments--blue
when **pointer** time not yet reaching ref or close or remove time ---- they are **future** ref/close/remove moments—green

when **pointer** time pass ref or close or remove time ---- they are past ref/close/remove moments--blue
R5 and R3 will not be green automaticaly **untill next day start**.



R3 and R5 are before pointer

b) Time Bar Color Coding

by common sense there is no green for PERIODS/WAITS
since they are not **moments**,,, they are **intervals**

RED color is unique for all S-E-R-W-C-V
red = if you click on time bar then the **time value will go to that button**
you can not make two buttons red at the same time--against common sense.

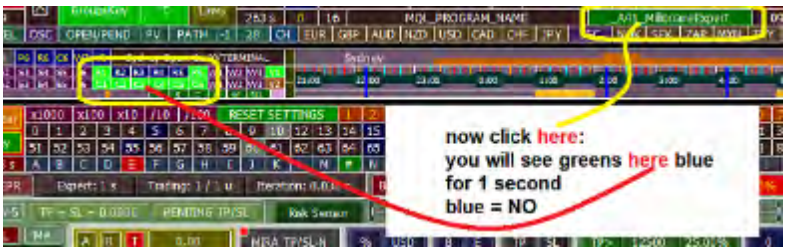
for example if S1 is red
then you click on timeBar, then the time value will go to S1, the start of PERIOD_1.

RED color is unique for all S-E-R-W-C-V
f
but for moments ref/close/remove --- R/C/V it could be aqua, if you make it red but also in the future.
aqua=red+green

Post 7896

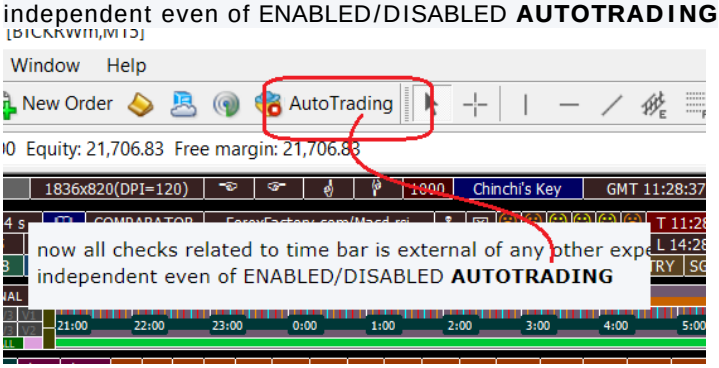
"**YES**" mean red color for Ss, Es, Ws, Rs, Cs, Ws, Vs
"NO" mean blue color . . . . . .
"CANCEL" dark orange color . . . . . .

THEN WILL BE ADJUSTED AUTOMATICALY TO GREEN AGAIN AFTER 1 SECOND (exactly after your ExpertTimer)
and this ensure safety aganist un-expected triggers.



a) AUTOTRADING related post

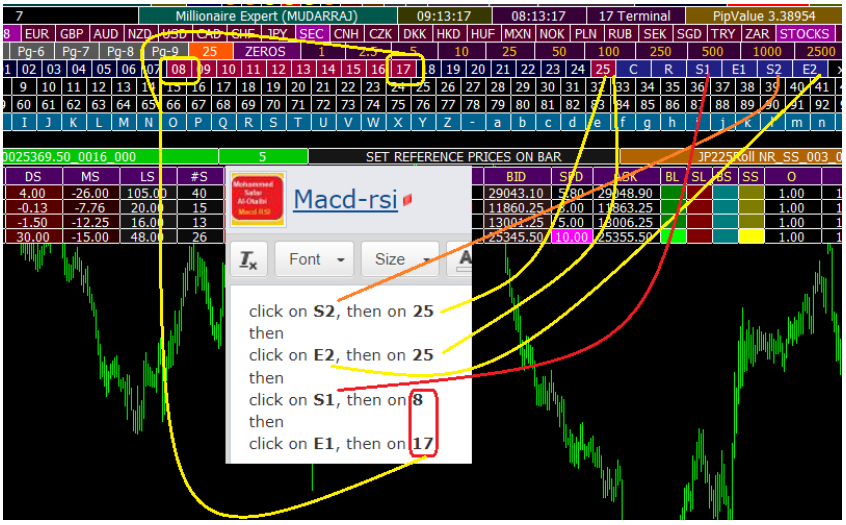
now all checks related to time bar is external of any other expert conitions independent even of ENABLED/DISABLED **AUTOTRADING**



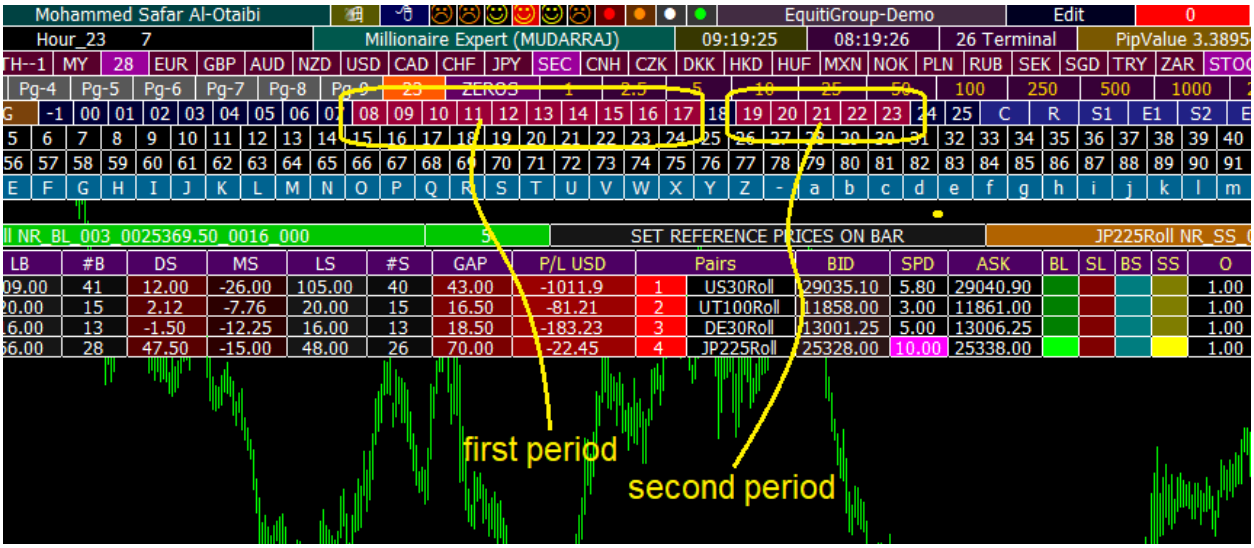
2) Archived

a) Normal – Single period

Allow trading for some period of time during the day, say: b/w **08:00 to 17:00** ??



The period b/w 08 and 17 will be brown colors--other are black colors-- now trading is allowed in this period 08.00-->17:00 during the day.



b) Double – 2 periods

there is a posiibilty for second trading period --
S2---E2 do this

follow the same procesure:
click on **S2**, then on **19**
then
click on **E2**, then on **23**
second period will be b/w 19:00 and 23:00

c) Whole Day trading (Default)

Whole Day trading:

if you to allow trading for the whole day--default
click on S1 then -1 then E1 then 25

that mean allow trading b/w hour -1 to hour 25 (out of mind)

or
click on S2 then -1 then E2 then 25

d) Next Day trading (Overnight)

#Post 1071

Sawadee: How to set timer for the trading period of 21:00 to 04:00 +1 (night day)

#Post 1073

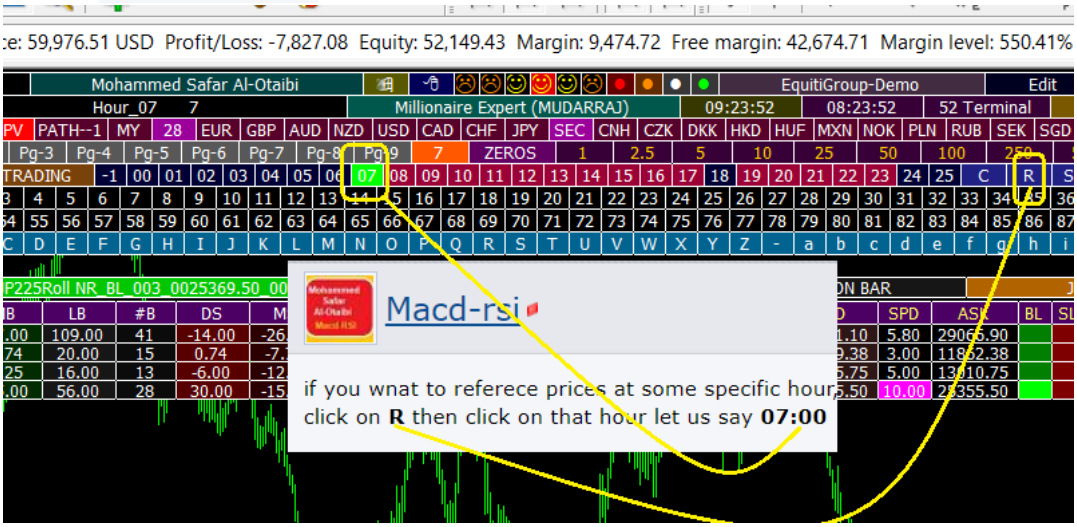
We do not agree to ask tough question that i do not know how to answer it?
Iam realy lucky when i put two periods.

pleaase try:
S1=**-1**
E1=4
S2=21
E2=**25**

are boxes 21--->4 are brown??
do you know why -1 and 25!

expert sense hours regardless of the days

e) Reference Hour

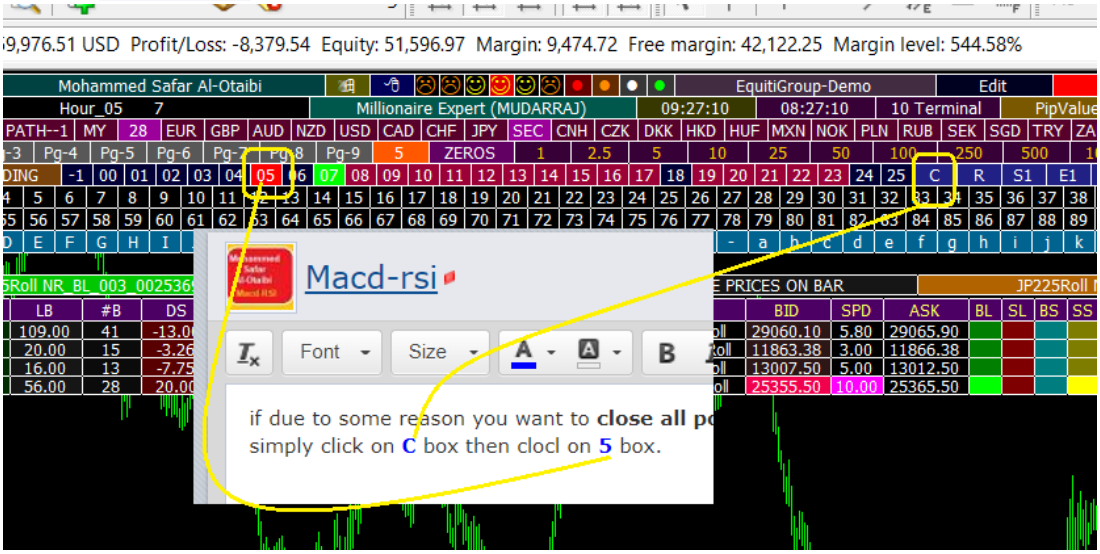


reference hour box is green (actually lime)

if you wnat to referece prices at some specific hour,
click on **R** then click on that hour let us say **07:00**

at 07:00 the reference prices for all pairs will be changed to the openings of 07:00 candle

f) Close Hour



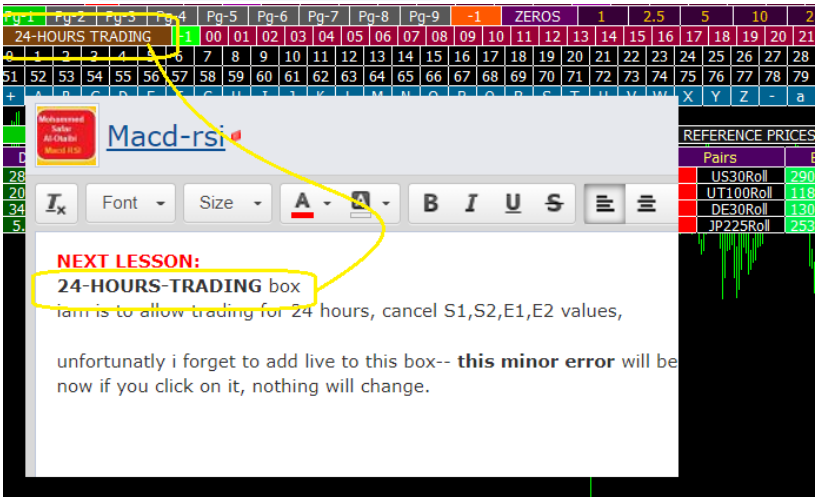
close hour is red

if due to some reason you want to **close all positions at some specifc hour**, let us say **05:00** and start over again,
simply click on **C** box then clocl on **5** box.

g) Cancel Operation

if you change R and C to suitable day hours and <u>now you want to cancel the operation</u>---just click on letter then on "**-1**" or "**25**" since your PC or terminal will never hour called minus 1 or 25 ??? !

h) 24-HOURS TRADING box



24-HOURS-TRADING box
iam is to allow trading for 24 hours, cancel S1,S2,E1,E2 values,

28- Current Time Line – Pointer

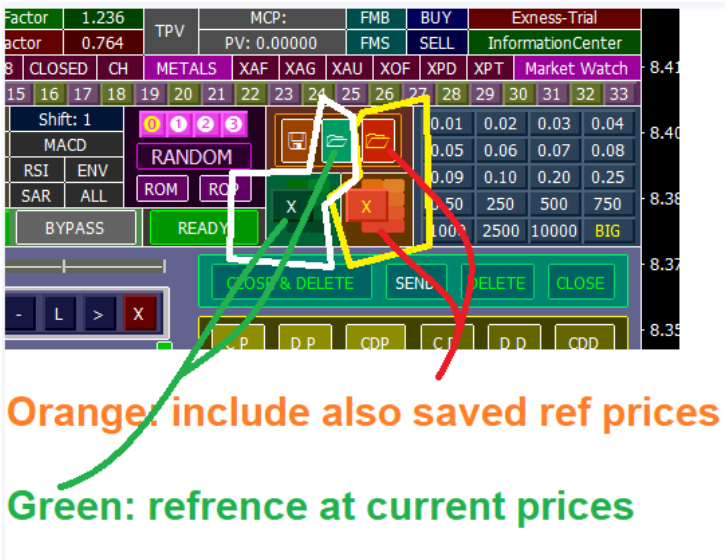
notice small **vertical white line** above word **Sydney** 😊 in your last post picture.
this line is moving to the right each 1 minute.
the total 4 sessions bar is actually 1440 bar,-----60 min *24 hour = 1440 minutes = 1 day

29- How to use SavedSetting

Updated:

Post 5382

Orang and Green EXCEL Files



Do the folloing please in sequence:
1 - choose EUR-red (famous 7 pairs)
2- make all your setting, inclduding refrencing, onl pair EURGBP, deactivate (click orange-5 then refer box then pairs box, then click on EURGBP to deactivate)
3- click on "SAVED-SETTING " BOX (First click on SM-1 to be green)
4--Damage all your setting by choosing box "MY" for example
5- click on import AutoSet box (First click on SM-1 to be green)
--a----click on IMPORT word, (First click on SM-1 to be green)
--b----then after 5 second click on AUTOSET word, what you notice?

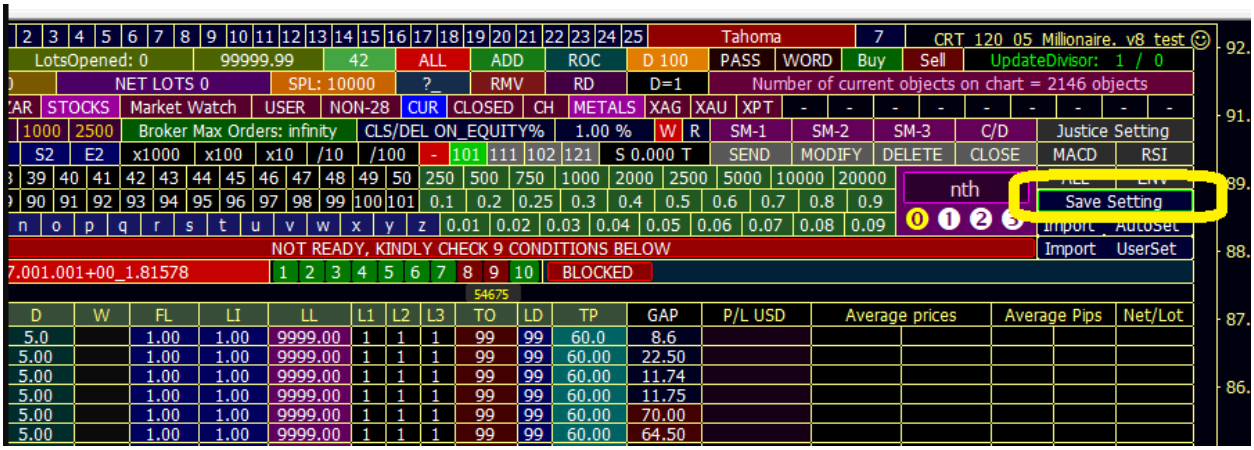
"**Import** AutoSetting" box
you see one box, but you see two words inside:
Import word: when you click on will retrieve all your old setting, inclduding refPrices
AutoSetting word: the same thing will happen but refPrices are updated. without changing in old file, and refPrice value
===ignore excel csv values and put the current prices as the ref price.

is it clear?

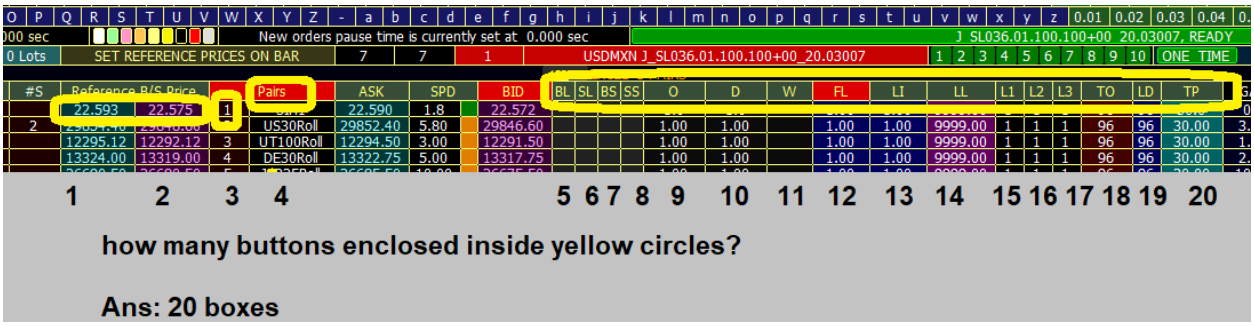
no everthing is explained--no more to say about autosaving and retrieving(two cases)

for one who want to validate this post, please the shole test process should not exceed, 5 mimutes
do not go to excel file, do not open anything else other than your terminal

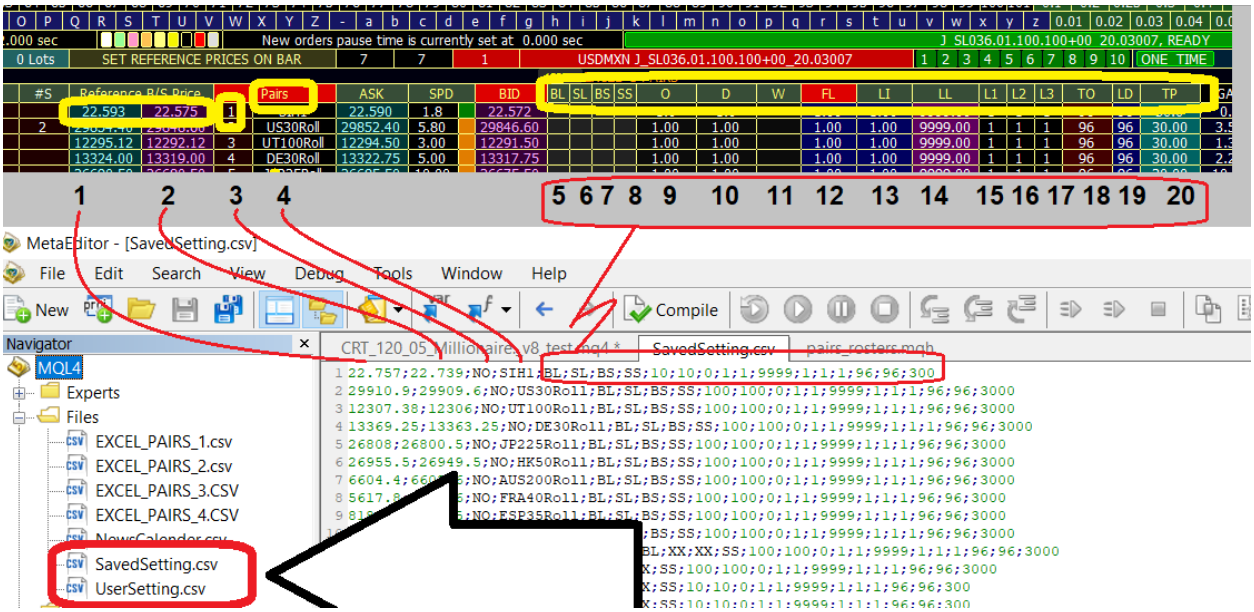
just follow the last post 5 steps
1 - choose EUR-red (famous 7 pairs)
2- make all your setting, inclduding refrencing, onl pair EURGBP, deactivate (click orange-5 then refer box then pairs box, then click on EURGBP to deactivate)
3- click on "SAVED-SETTING " BOX (First click on SM-1 to be green)
4--Damage all your setting by choosing box "MY" for example
5- click on import AutoSet box (First click on SM-1 to be green)--data retreived??
--a----click on IMPORT word, (First click on SM-1 to be green)--data retreived??
--b----then after 5 second click on AUTOSET word, what you notice?--data retreived??



please all read picture below 5 times.
know the arrangment of buttons----they should be arranged in excel as have been arranged on picture, for all **20 variables** (not 19, not 21--we say: 20)



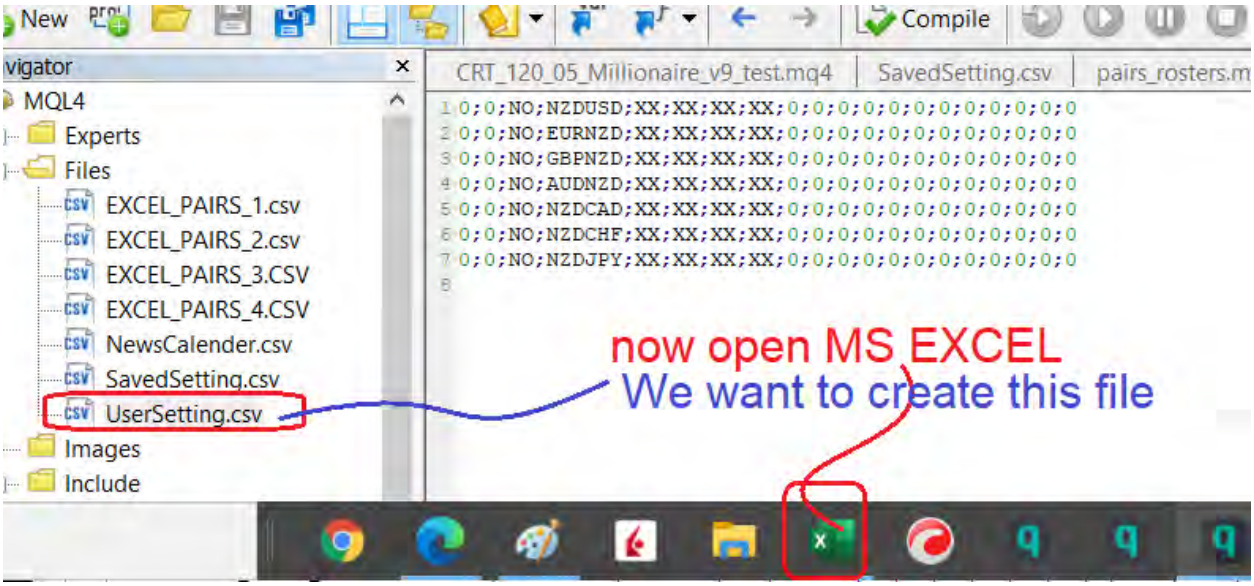
Then, in EXCEL file each row most have 20 cells, keeping 20 values arranged as encirled in last picture,
first **refBuy**, then **refSell**, then "**ON or OFF**" status, then **pairName**, then **BL**,**SL**,**SL**,**SS** and so on till **TP**.



30- How to use UserSetting

here forget about data saved
you go to excel then prepare **your** permanent setting, that may you isist on for 2 years.
you are free in everthing except 4 things:
1--file name must be "UserSetting.csv" ----
2- each rwo in excel must have 20 elements arranged as how arranged in saved setting
3- file must be saved under *MQL4\\FILES*
4-HIGHLY RECOMMENDED: you had better start from first row

this is more **dynamic**, since you set each variable independetly upon you futuer plan



The big advantage of the second approach, that you write data at once, then it will be your setting for many years if you like.
you can also bypass sparam-Group and go directly to your selected pairs.
-
To recall your manual setting simply:
1- click on SK-1,SK-2,SK-3, then
2- Click on Import/ User Setting
------a: if you clicked on word import will rretrieve all setting as it is
------b: if you click on UserSetting word also will retrieve all data as it is excpet refPrices will be updated on dahsboard according to current prices, without
any change to excel contents.

Create excel File
But wait, before you recall any data(your setting), you must first create that data.
Open excel then name a new file. File name must be "**UserSetting**" with extension "*.**csv**"
or you can download ready-made sample csv file below, then proceed with your modifications upon your desire.
UserSetting.csv

Why the name must be "**UserSetting**" and extension to be "**csv**" ?
ans: simple reason--the source code enforce you to do that--you have no choices.
look at sample code:

```
int i=-1;
int file_handle_2=FileOpen("UserSetting.csv",FILE_READ|FILE_CSV,",");
if(file_handle_2!=INVALID_HANDLE)
{
```

arabic KeyBorad ??

T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	1
850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURAUD	NO	1.12355	1.12345	3
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5
999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	8

Reference	B/S Price		Pairs	ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
2.00000	1.00000	1	EURUSD	1.21221	2.1	1.21200					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

ON EXCEL USER SETTING
Filling Excel cells
for each instrument, there must be **1 row with 20 columns**

and as explained earlier, the arrangmenet of 20 variables must be as arranged on dashboard.

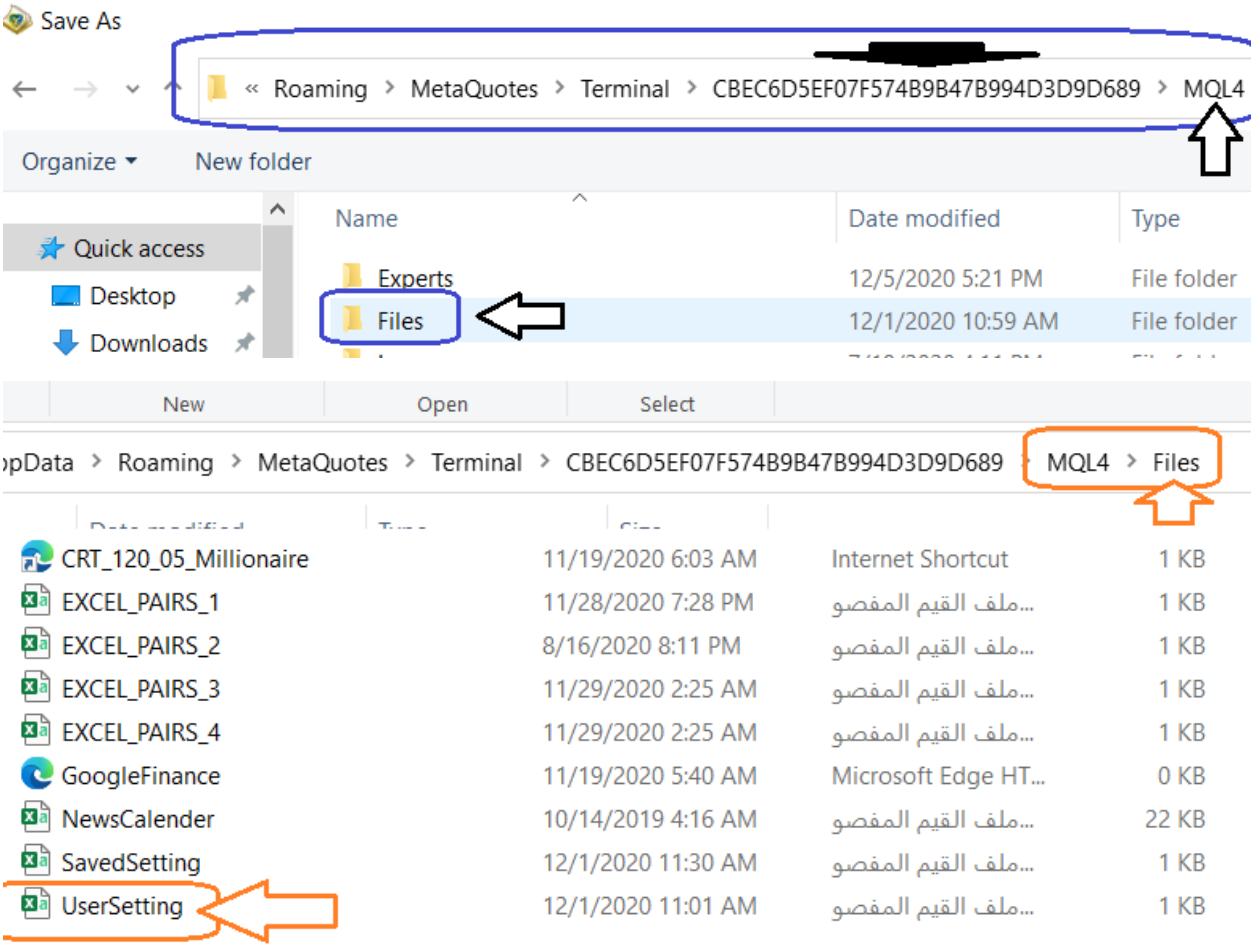
For pair#1:
1-Fill A1 cell with your **refBuy** price, you can make it zero if not to be used
2-Fill B1 cell with your **refSell** price, you can make it zero if not to be used
3-Fill C1 cell with either "**YES**" or "**NO**" - all upper case capital letters- to activate or deactivate pair. YES ordinal number box will be RED.
4-Fill D1 cell with pair name. Better to be identical to your broker naming.
5-Fill E1 cell with BL value, either "**BL**" or "**XX**" - all upper case capital letters- **BL** activated , XX deactivated
6-Fill F1 cell with SL value, either "**SL**" or "**XX**" - all upper case capital letters- **SL** activated , XX deactivated
7-Fill G1 cell with BS value, either "**BS**" or "**XX**" - all upper case capital letters- **BS** activated , XX deactivated
8-Fill H1 cell with SS value, either "**SS**" or "**XX**" - all upper case capital letters- **SS** activated , XX deactivated

09-Fill I1 cell with **O** (offset) +ve integer value--program will say it as a pipette, if you want 5 pips according to traditional concept, edit 50.
10-Fill J1 cell with **D** (Difference) +ve integer value--program will say it as a pipette, this gives you more generaliztion

11-Fill K1 cell with **W** (Widening) +ve or -ve integer value.
12-Fill L1 cell with First order Lot **FL** value. It could be integer or float number but not 0. Match it as possible to your broker conditions
13-Fill M1 cell with Lot Increment **LI** value. It could be integer or float number but not 0. Match it as possible to your broker conditions
14-Fill N1 cell with pairLotLimiter **LL** value. Float or integer number-depends on your needs.
15-Fill O1 cell with LotMultiplier-1 **L1**, it must be within limit 1 to 9.
16-Fill P1 cell with LotMultiplier-2 **L2**, it must be within limit **0** to 9.
17-Fill Q1 cell with LotMultiplier-3 **L3**, it must be within limit 1 to 9. better to make it all the time 1.

18-Fill R1 cell with **TO** (**T**otal**O**rders**P**er**P**air**I**n**O**ne**D**irection TOPPIOD) +ve integer value. By mere logic it must ne integer.
19-Fill S1 cell with **LD** (**L**a**D**der) +ve integer value
20-Fill T1 cell with **TP** (**T**ake**P**rofit) value in pipettes. Program will say it as a pipette, if you want 50 pips according to traditional concept, edit 500.

Where to save your csv file?
ans: under yourBroker pathname MQL4//***File*** folder:



What will happen if you mis-spelled pair name, or write your name instead of pair correct name format??
look at the picture:

exper will cancel all wrong pairs elemnts except showing wrong pair name with darkened ingray colors!
expert will work properly for other six pairs
and when you see something wrong like this-you can modify it or even leave it!! will not affacet anything else!

T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	1
850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	ZORAXFX	NO	1.12355	1.12345	3
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5
999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6
850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	8
																				9

EMENT		999999999.99		Day	999.99%	24H	OnEquity	Eq > 20000.00		Eq < 0.01		SL-CLS	100.00	TS	1.00 %	SL-HDG						
Reference B/S Price		Pairs		ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP
2.00000	1.00000	1	EURUSD	1.21221	2.1	1.21200					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	0.80000	2	EURGBP	0.90232	5.5	0.90177					50.0	50.0		0.01	0.01	9999.00	1	5	1	20	5	85.0
										zoraxfx												
5.00000	1.00000	4	EURNZD	1.72237	9.2	1.72145					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	1.00000	5	EURCAD	1.55007	7.6	1.54931					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0
2.00000	1.00000	6	EURCHF	1.08118	4.7	1.08071					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	99.9
112.000	125.000	7	EURJPY	126.310	4.3	126.267					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0

what will happen if you make any row with 21 values!
picture answer
this approach you may do it one time in your live trading!
any error expert will expose it!

Reference B/S Price		Pairs		ASK	SPD	BID	BL	SL	BS	SS	O	D	W	FL	LI	LL	L1	L2	L3	TO	LD	TP	GAP	P/L USD
2.00000	1.00000	1	EURUSD	1.21221	2.1	1.21200					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	9997.9	
2.00000	0.80000	2	EURGBP	0.90232	5.5	0.90177					50.0	50.0		0.01	0.01	9999.00	1	5	1	20	5	85.0	11994.5	
2.00000	1.00000	3	EURAUD	1.63245	5.4	1.63191					50.0	50.0		0.01	0.01	9999.00	1	1	1	20	5	85.0	9994.6	
										YES														
										NO														
										NO														
										NO														
		8		1.21221	2.1	1.21200																		

LAST CORRECT VALUE

YOU ADD BY MISTAKE 21 ROW VALUES INSTEAD OF 20
Therefore everything after will go wrong!
so please do everything as has been explained - it is a money!

U	T	S	R	Q	P	O	N	M	L	K	J	I	H	G	F	E	D	C	B	A	
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURUSD	NO	1.12355	1.12345	1
	850	5	20	1	5	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURGBP	NO	1.12355	1.12345	2
66	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURAUD	NO	1.12355	1.12345	3
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURNZD	YES	1.12355	1.12345	4
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCAD	NO	1.12355	1.12345	5
	999	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURCHF	NO	1.12355	1.12345	6
	850	5	20	1	1	1	9999	0.01	0.01	0	500	500	XX	XX	SL	BL	EURJPY	NO	1.12355	1.12345	7

look at o column in your picture
expert converted first to pipettes, if they originaly not pipettes
expert know in advance, your intention is ***pipettes*** or ***tripettes*** or ***pips***
pipetts always correct for all broker for all pairs. no way for mistakes with **pipette** impossible
just to know that excel setting show pipettes
then program later convert to pips or tripettes.
and that the best thing you can imagine in programming.

31- Other Default Files Settings

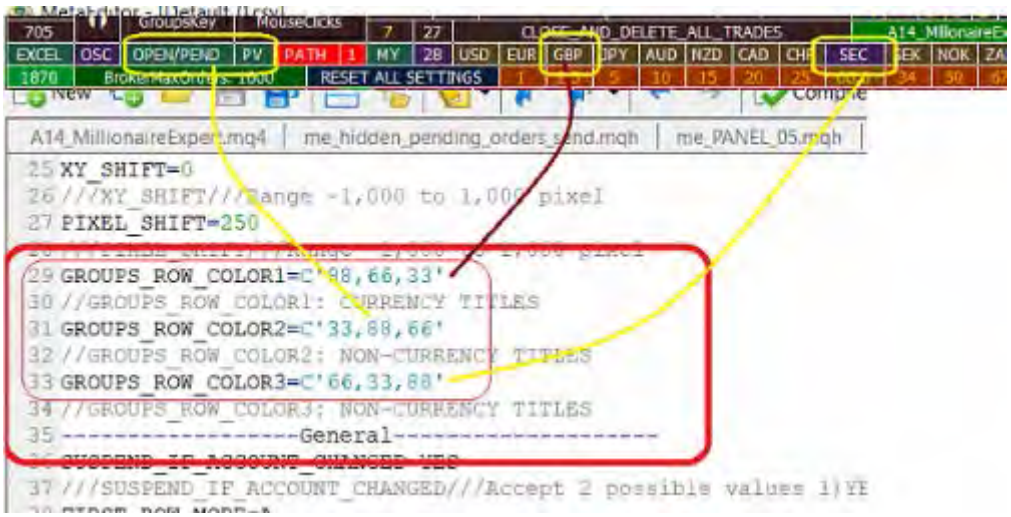
1) Default Color Settings

i) Group Three Colors

anybody notice these 3 parameters:

GROUPS_ROW_COLOR1=C'88,66,33'
GROUPS_ROW_COLOR2=C'33,88,66'
GROUPS_ROW_COLOR3=C'66,33,88'

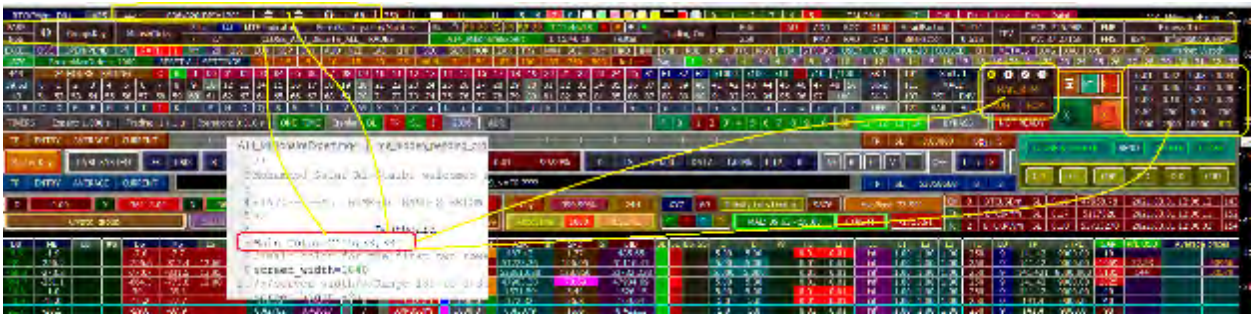
they all are related to currency groups---third row in the upper part:



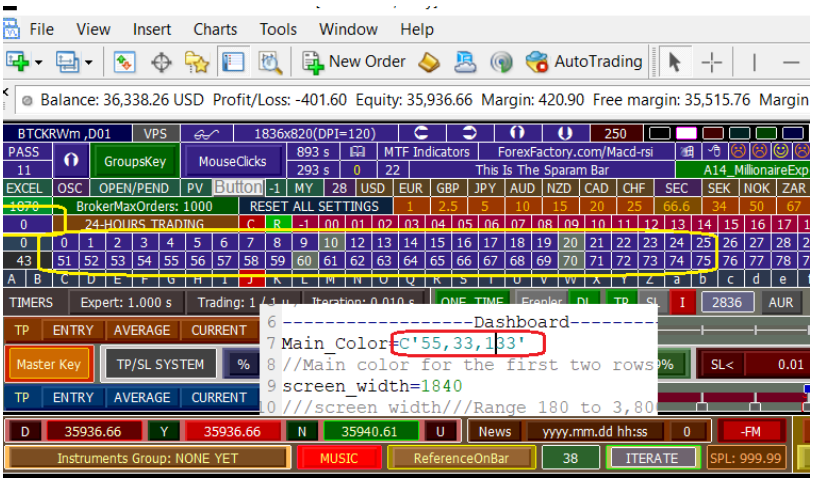
try it please
play with color numbers
do not forget max is **255**

ii) Main Color for first 3 rows + others

play with **Main_Color** value untill you reach what is convienebt for your eyes:



it also include dummies from 0 to 100 plus SK-1 color and other elements
below i make it inclinedto BLUE---mix with blue concentration



please do not tell others with the best colors. they can freely decide. no best here.
it is recommended to avoid GREEN / RED colors

2) Dashboard Arrays Initialization

Dashboard Arrays Initialization

last months when you choose any currency group, you find some arrays are filled by some values. no it is your freedom to make these values during any initialization steps.

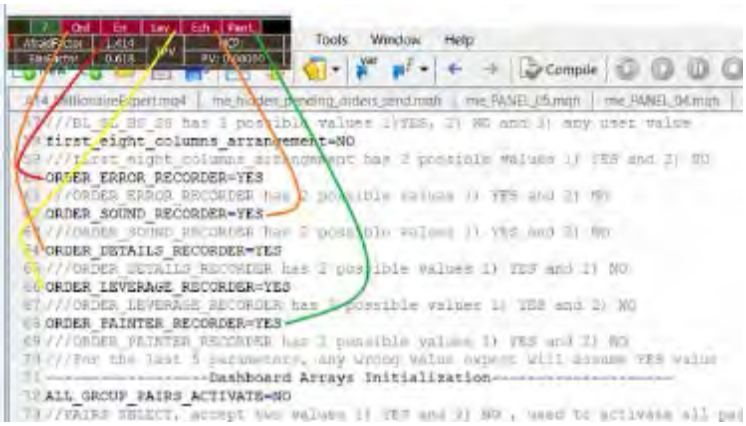
3) Repeat-mode TP-Shown

do you remeber when we say even TP is always hidden for repeat mode, there is an option to showe double of that TP.
Reason, in case of your PC is suddenly sgut off,

now forget word "double"
now **you** decide.
you can make it **double** or triple or even 1.76 of hidden TP.
TP_MULTIPLIER_IN_REPEAT_MODE

```
///DELETE_ORDERS_TRIALS range 1 to 5
TRAILING_AMOUNT_STEPS=25
///TRAILING_AMOUNT_STEPS range 0.01 to 25,000
TRAILING_PERCENTAGE_STEPS=1
///TRAILING_PERCENTAGE_STEPS range 0.01% to 99.99%
TP_MULTIPLIER_IN_REPEAT_MODE=2
///TP_MULTIPLIER_IN_REPEAT_MODE range 1.25% to 8.00
--------------------Chart Settings--------------------
CCHART_COLOR_BACKGROUND=C'0,0,0'
CCHART_COLOR_FOREGROUND=C'255,255,255'
CCHART_COLOR_CANDLE_BEAR=C'127,0,0'
```

4) Allow/ Disallow any of 5 internal function related to order entries



32- Account Profit Button

NewLesson: AccountProfit button (01)

ALL
TIA
ARRAY

are 3 elements

ALL
Indexed
Magic
Indexed + Magic
are 4 elements

therefore 3*4=12

then in this button you can see 12 different values, upon your choice:
you see one button, but behind the scene, there are 12 experts.

NewLesson: AccountProfit button (02)

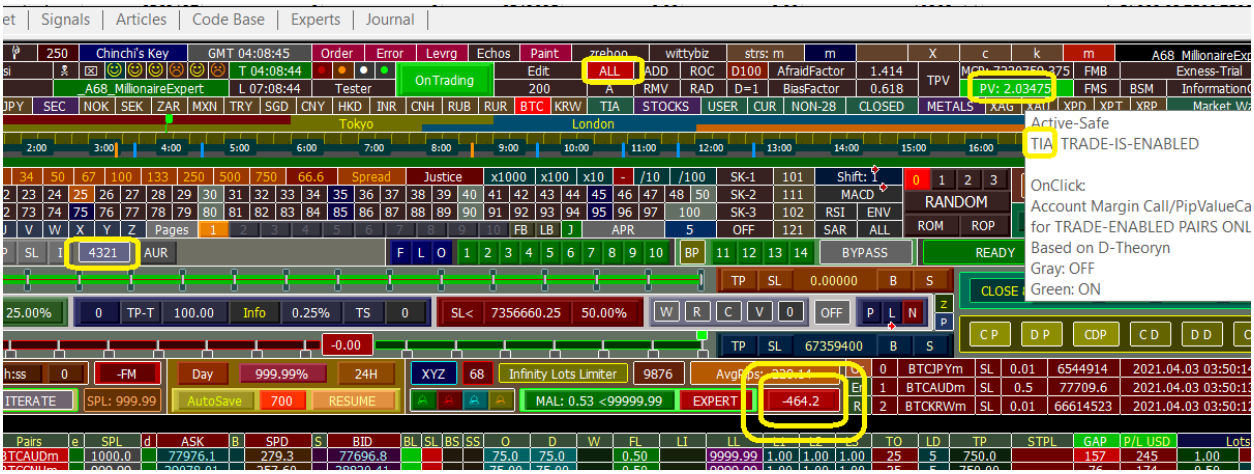
01- I want to see ALL account profits
02- I want to see ALL account profits for order starting with **index** J only
03- I want to see ALL account profits for order with **magic** number 1203 only
04- I want to see ALL account profits for order with **magic** number 1203 and starting with **index** J

05- I want to see ALL TIA account profits
06- I want to see TIA account profits for order starting with **index** J only
07- I want to see TIA account profits for order with **magic** number 1203 only
08- I want to see TIA account profits for order with **magic** number 1203 and starting with **index** J

09- I want to see ALL ARRAY account profits
10- I want to see ARRAY account profits for order starting with **index** J only
11- I want to see ARRAY account profits for order with **magic** number 1203 only
12- I want to see ARRAY account profits for order with **magic** number 1203 and starting with **index** J

on Sundays, EURNZD is not a TIA (**T**RADE **I**S **A**LLOWED) while BTCUSD is a TIA

if you want to see only the ALL profit of TIA pairs, just make things like this (regardless of magic or index)
ALL + TIA ---- and Magic is OFF or GRAY
result: the profit shown is only for TIA pairs now regardless of magic or index.
profit/lossed of 28 pairs are excluded, since it is the weekened



Post #7272

ENG.yahia

thank you Macd-rsi for your interest in my request
Hello evrey boady
I will write the idea in English so that all members can understand it
1 / Developing the Smart TP system so that I can close on the profits of Index or Magic Number not the total profits of the wallet
I think that the profits should be linked to the Account Profit button as post 7256 and not to the total profit of the platform
A / When placing the profits in usd in the Smart TP system, the number remains the same when the process is repeated and it is not linked to the percentage the second time, unless the user chooses that, and this option is available now

When placing the profits in usd in the Smart TP system, the number must remains the same when the process is repeated and it is not linked to the percentage the second time, unless the user chooses that, and this option is available now

1/ Developing the Smart TP system so that I can close on the profits of Index or Magic Number not the total profits of the wallet
I think that the profits should be linked to the Account Profit button as post 7256 and not to the total profit of the platform

33- Error Related to Broker

1) Oracheael Case – Error 131, 132, 133, 134, 136, 148

Updated #Post 3876

the following error codes will deactivate any related pair.
it deal correctly with wrong data provided by brokers to thier clients

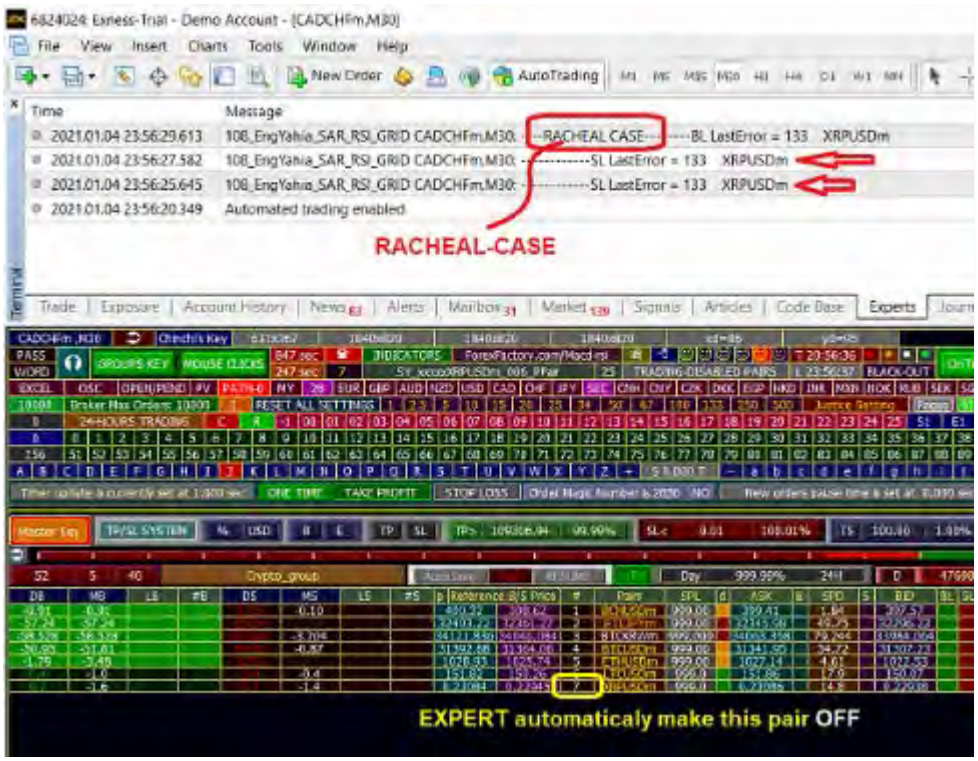
```
    if(risk_mode=="MB" && current_MB>user_MB)return;
    if(risk_mode=="ME" && current_ME>user_ME)return;
    if(FM_SET=="POS" && AccountFreeMargin()<3)    return;
ticket=OrderSend(pairs[i],OP_BUY,lotx,MarketInfo(pairs[i],MODE_ASK),0,0,0,COMMENT,Magic_Number,0,C'182,0,0'
err=GetLastError();
    if(err==131 || err==132  || err==133 || err==134  || err==136  || err==148)
    {
       Print("----Oracheal CASE--------BS LastError = "+err+"    "+pairs[i]);
       PAIR_SELECT[i]="NO";
       YES_BS[i]="XX";
    }
if(OrderSelect(ticket,SELECT_BY_TICKET))
```

131--132--133--134--136--148---look at thier desciption in post # 3872 picture.

#Post 3827

Sacreragon: please in doc, add it as "Oracheal**-case**"---**name is corrected in the code.**
racheal-case **is**: the contradictiob b/w broker database and broke actual run-time process expert when recieve racheal message, immediatly deactivate the pair.

i will check for other possible broke stupid errors, like **MIN_LOT**



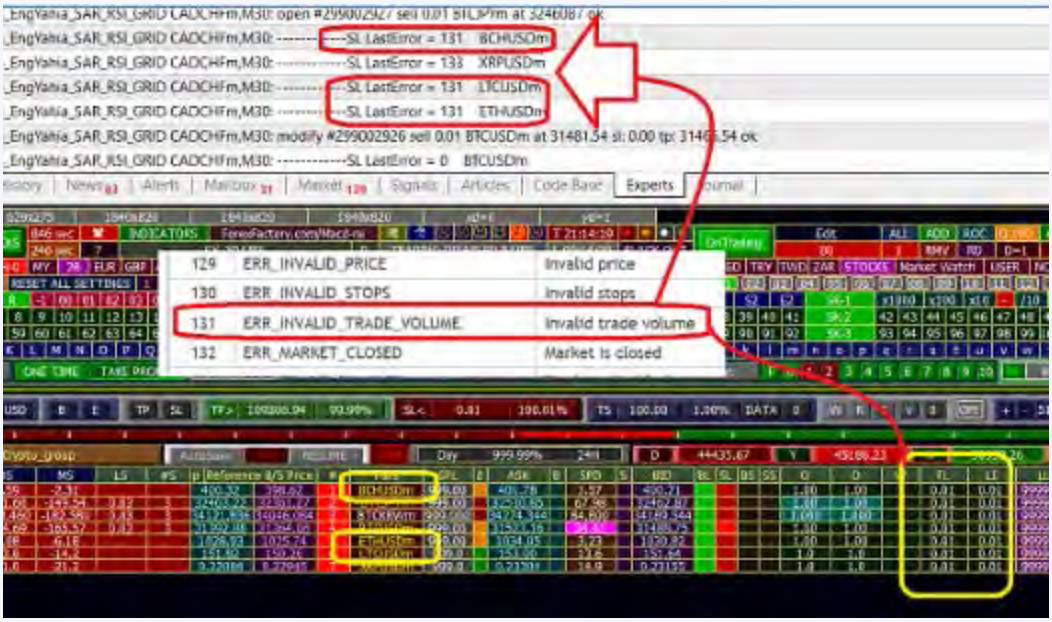
thank you brother Oracheal

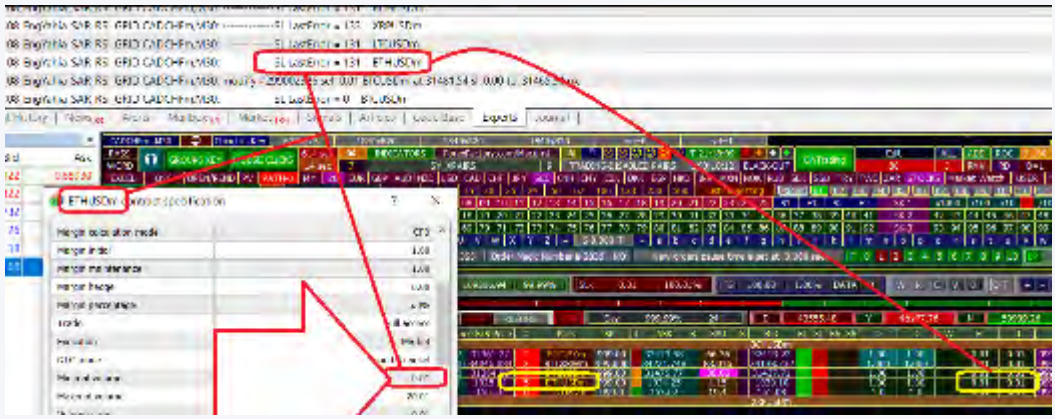
therefore message **will not be repeated each time**, since the pair is "***de-activated***"

Mucky: Some developer reported regarding error 133 also:

... conclude that slippage has a maximum allowed by broker and you should not exceed this limit

Macd: another error with exness is error **131**---MinimumLot
in thier stupid data base min lot is 0.01---therefore dashboard accept this value
but
in thie runtime, min lot allowed is 0.10 not 0.01 !!





Mucky: ... yes , but sometimes it depends on account type also.

some broker do allow 0,01 lot size only for standard accounts and prof. account require 0.10 lot - the profensional traders are not allowed to use 0.01 lots :-)
even the symbol specification tells a different story

Macd: Also RUN-TIME error **131** is included
if exists will make pair **OFF**

So avoid continues message due to stupid data base!
i have the choice to correct volume, but this is an intervention in your setting
therefore the better solution is to de-activate the pair, then later if you like change FL, LI setting from 0.01 to 0.1.

now these messages will appear only one time

when you see word "**Orachael**" in expert/journal, immediatly understand onething "**CONTRADICTION**"

Time	Message
2021.01.05 00:35:52.392	'6824024': order buy 0.01 BCHUSDm opening at market sl: 0.00 tp: 0.00 failed [Invalid volume]
2021.01.05 00:35:51.610	'6824024': order buy market 0.01 BCHUSDm sl: 0.00 tp: 0.00
2021.01.05 00:35:47.908	'6824024': order buy 0.01 XRPUSDm opening at market sl: 0.00000 tp: 0.00000 failed [Trade is disabled]
2021.01.05 00:35:47.502	'6824024': order buy market 0.01 XRPUSDm sl: 0.00000 tp: 0.00000
2021.01.05 00:35:47.502	'6824024': order buy 0.01 LTCUSDm opening at market sl: 0.00 tp: 0.00 failed [Invalid volume]
2021.01.05 00:35:46.174	'6824024': order buy market 0.01 LTCUSDm sl: 0.00 tp: 0.00
2021.01.05 00:35:46.174	'6824024': order buy 0.01 ETHUSDm opening at market sl: 0.00 tp: 0.00 failed [Invalid volume]
2021.01.05 00:35:43.706	'6824024': order buy market
2021.01.05 00:35:43.612	Automated trading enabled ADCHFm,M30: ----Oracheal CASE--------BL LastError = 131 BCHUSDm
2021.01.05 00:31:24.674	Expert 108_EngYahia_SAR_R ADCHFm,M30: ----Oracheal CASE--------BL LastError = 133 XRPUSDm
2021.01.05 00:31:24.612	Expert 108_EngYahia_SAR_R ADCHFm,M30: ----Oracheal CASE--------BL LastError = 131 LTCUSDm
2021.01.05 00:29:26.002	Expert 108_EngYahia_SAR_R ADCHFm,M30: ----Oracheal CASE--------BL LastError = 131 ETHUSDm
2021.01.05 00:29:25.940	Expert 108_EngYahia_SAR_R
2021.01.05 00:28:26.178	Expert 108_EngYahia_SAR_R

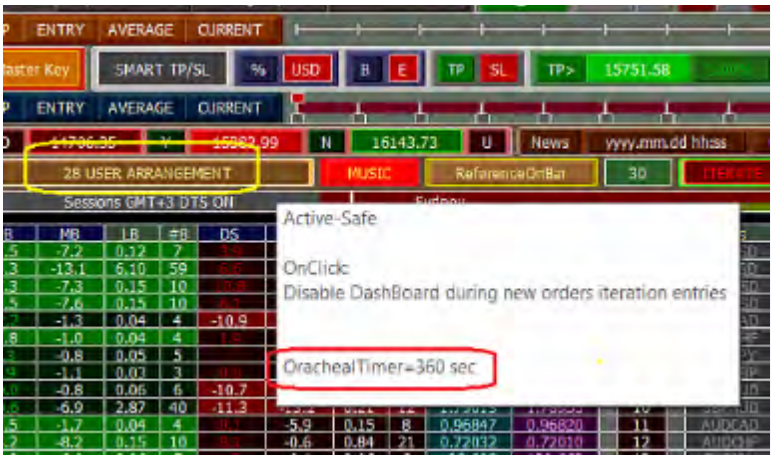
Macd: You do not get my point
we do not speak about account type
we speak about: **broker** runetime value is different from **broker**-database values. 😊

broker tell you minlot is 0.01
but when you try, order is rejected. the runtime is 0.10

whatever the account type.

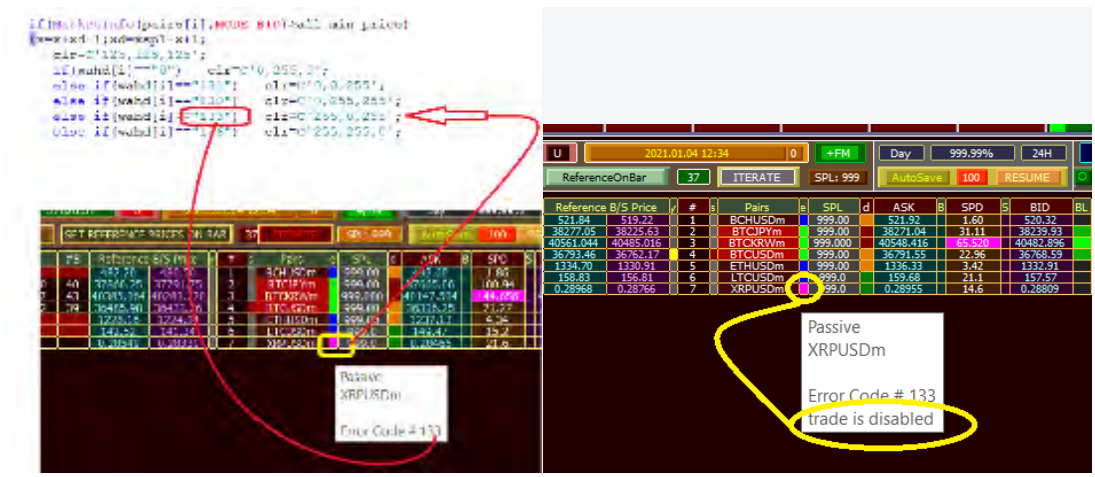
a) Oracheal Timer

you can check for current timer inside the tooltip of Dashboard-title, since ver A37



2) Error Colum

you will read in expert/journal "TRADE is disbaled" = err: 133
but this is an oracheqal-case, since in data base they set it "TRADE-IS-ENABLED"
Broker conflicts



error **desciption** also has been added to tooltips

3) Default Setting

if FL, LI are RED, then expert tell you: 1) your broker is a bullshit, database not correct(Oracheal-case)
2) it is error 131--invalid volume

who choose 120 sec?
ans: YOU -- not me, not the expert.

4) Slippage

a little correction for button types:
I add **Passive-Fire**
passive: since no clicks-effect
Fire: related to trading
example: **slippage** button, you can not change slippage through CWC, you only set it at default_0.csv file once at your live.

5) Str button

There should be a new lesson on **strs**
since i enhanced to the greatest degree for all posibilites.

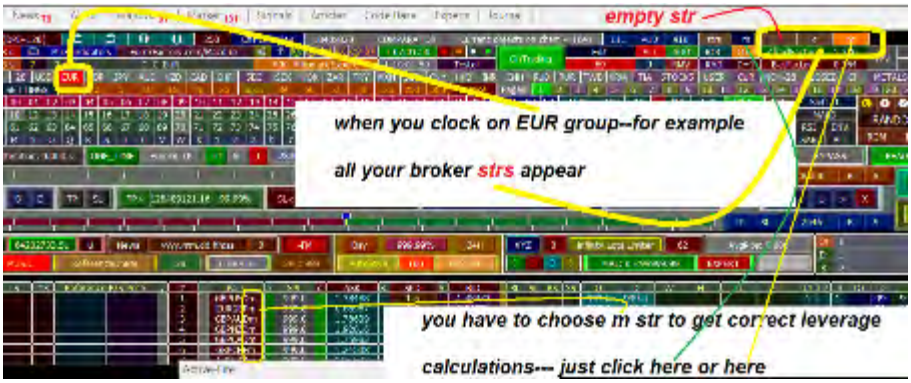
but always i recommend to attach xpert to **enabled-EURUSD** to avoid any str problem\
if not, there ar another 3 solutions.

Post #5927

NewLesson: strs
when you click on any group, **strs** wil appear in first row.

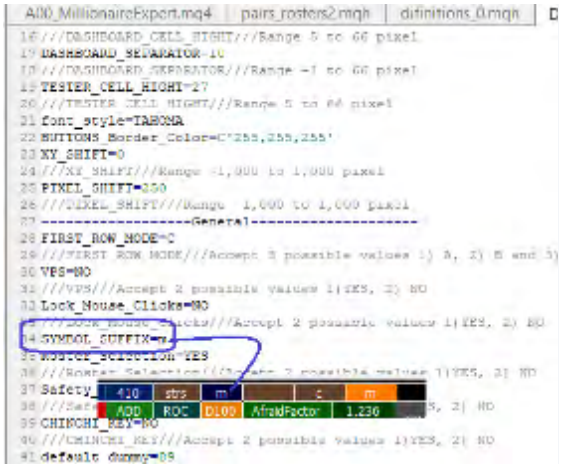
look: before click on EUR-group--no **strs**

now after click: all broker available **strs** will appear



blue **m** after button str, is user-default, you put it in the defaut file

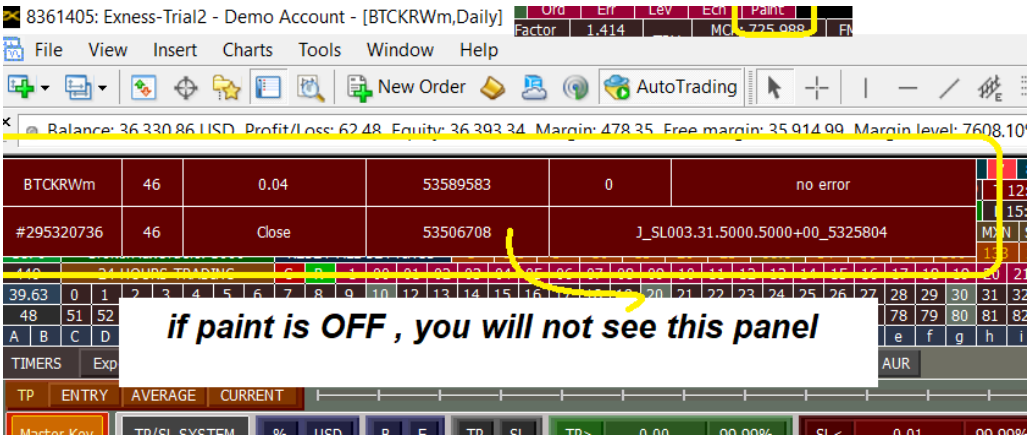
zreboo, not me, neither expert set m in default file
he find his broker offer instruments with suffix ***m***, like ***EURUSDm***



34- Cancelling some Auxiliaries

even though each one may consume less than 5 millseconds, but you can prevent them,

also **Echo** to block sounds for order entries
and **paint** to discard/allow order detail dashboard durings send/delete/close/modify.



35- Order Comments

*MExpert **orderComment** start with:*

1) one letter, then underscore for "ONE-TIME" mode,---you how decide this later as explained earlier

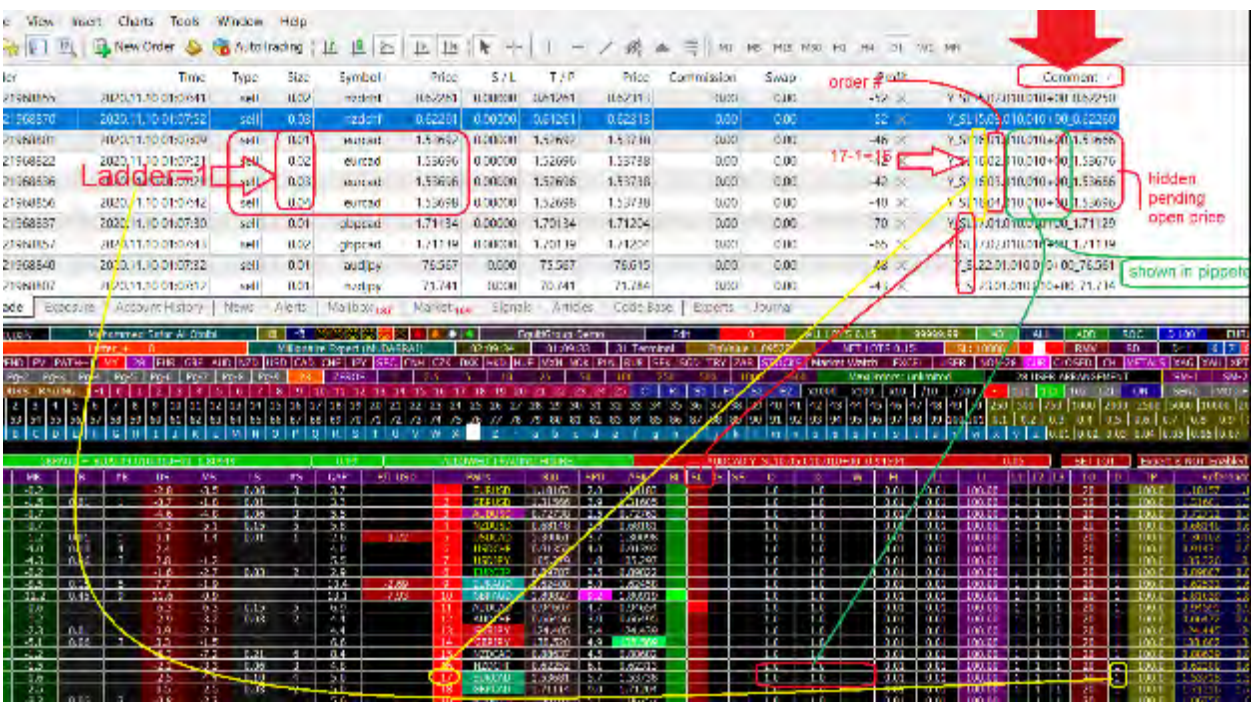
or

*2) for REPETION MODE: strat with prefix "**NR**_"*

or

3) pending Orders of SEND box, start with prifix "G_"

and no more



Example: Y_SL1601.101.010+00_1.53666

Y_	SL	16	01.	010.010	1.53666

Identified chosen in blue alphabets prior to activating EA	BL/SL/BS/SS	17-1. Ref number for the pair found the table	Order# based on sequence of execution	O.D (in pipette)	Hidden pending open price (calculation based on O/D concept - will differ from actual open price)